

# Directory of forestry research organizations

109



Food  
and  
Agriculture  
Organization  
of  
the  
United  
Nations



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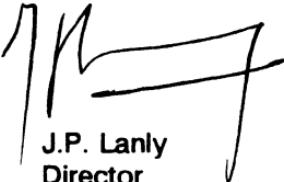
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## PREFACE

This Directory is based on a questionnaire sent to all forestry research organizations in the mailing lists of FAO and IUFRO. The initial responses were compiled into a Draft Directory dated August 1992.

Copies of the Draft Directory were mailed to all the organizations which had responded, with a request for amendments and updated information. In addition, IUFRO country representatives were requested to help in locating research organizations that had been missed. Even so, we are aware that the present Directory is not complete, but two years have already passed since the start of this effort and to delay publication in the hope of locating all organizations will only result in the obsolescence of the information already in hand. We intend to deal with new information by producing new editions from time to time. Those organizations which have been missed are requested to send in details for the next edition, using a copy of the form provided at the back of this publication.

The format of this Directory has been made deliberately simple. Although computers make data-processing easy, data entry remains time-consuming, expensive and error-prone. Also, data that is voluminous tends itself to be the cause of publication-delay and data-obsolescence. We have accordingly opted for the minimum data needed to facilitate contacts between forestry research organizations. This is where the need is greatest. Other kinds of information can be obtained by direct contact, once the communications channels have been established.



J.P. Lanly  
Director

Forest Resources Division



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## FAO and FORESTRY

Founded in 1945, the Food and Agriculture Organization of the United Nations (FAO) is assigned four main tasks by its Constitution:

- \* to collect, analyse, interpret and disseminate information;
- \* to advise governments on technical and policy matters;
- \* to provide a neutral forum for international discussion and dialogue;
- \* to provide technical assistance at the request of member governments.

The constitution designates forestry as an integral part of overall agricultural development. Today, FAO - through its Forestry Department - is the leading international organization dealing with forestry.

### THE FORESTRY DEPARTMENT

The FAO Forestry Department promotes national and international action for the conservation, management and sustainable use of forests, trees and related resources as an integral element of overall socioeconomic development and environmental protection. Currently, the Department has five main objectives:

- \* to assist countries enhance the productivity and sustained use of forest and tree resources, with a view to maximizing their contribution to rural and socio-economic development;
- \* to promote the conservation of forest ecosystems and the integration of forests and trees into land-use systems;
- \* to assist in increasing the value of forest production - both wood and non-wood;
- \* to support full participation in and equitable sharing of benefits among all people dependent on forestry activities, particularly the most vulnerable groups;
- \* to provide policy and planning advice to national forestry administrations.

These objectives apply equally to work at FAO Headquarters in Rome Italy, and to the forestry field programme with approximately 300 projects in more than 90 countries in the developing world.

**THE INTERNATIONAL UNION OF FORESTRY  
RESEARCH ORGANIZATIONS  
and its  
SPECIAL PROGRAMME FOR DEVELOPING  
COUNTRIES**

IUFRO is a non-profit, non-governmental international research organization established in 1892. Its objectives are to promote international cooperation in forestry and forest products research and standardization of research techniques.

IUFRO includes more than 15,000 scientists from over 710 member organizations in more than 110 countries. It serves as a forum for the exchange of knowledge and experiences in forestry research at the national and international levels.

IUFRO has placed increasing emphasis on problems of global concern, for which special units may be created. One of these is the Special Programme for Developing Countries (SPDC).

SPDC was established in 1983 as a special arm of IUFRO. It aims to promote improvement of forestry research in less developed countries through special-purpose activities.

SPDC is an active member of the international programme for assistance in forestry research. As well, it is a strong component of the overall IUFRO programme, fostering the activities of IUFRO while meeting its mandate of research improvement through training programmes, workshops, information services, liaison and collaboration.

SPDC's tasks are to identify priority forestry problems, to increase the ability of forest scientists in less developed countries to conduct quality research, to facilitate information flows to forest scientists, and to assemble funds for a programme of general assistance to forestry research in the developing world.

With evolving world needs, the challenges for the SPDC change. Its aim of promoting improvement of forestry research in less developed countries, however, remains unaltered.

## ALBANIA

## INSTITUT DES RECHERCHES FORESTIERES ET DES PATURAGES

Tirana

Tel: 0035-542-33343

Fax: 0035-542-27665

Main research areas: forest management, silviculture, protection

Director: Parim Carçani

## ALGERIA

## INSTITUT NATIONAL DE LA RECHERCHE FORESTIERE

B.P. 37 Cheraga Alger

Foret de Bainem

Tel: 797296/798998

Fax: 783211

Telex: 61 407

Number of graduate staff: 080

Establishment date: 1981

Main research areas: silviculture and management, wildlife, protection, desertification

Directeur: Mahieddine Fateh

## ARGENTINA

## ADMINISTRACION DE PARQUES NACIONALES

Avenida Santa Fe 690

C.P. 1059

Buenos Aires

Tel: 3118294

Number of graduate staff: 011

Establishment date: 1934

Main research areas: afforestation, conservation, inventory, weeds

Head of Research: Ana Balabusic

## CENTRO DE INVESTIGACION DE CELULOSA Y PAPEL (CICELPA)

C.C. 157

1650 San Martín

Buenos Aires

Tel: 541-7524901/6650058

Fax: 541-3132130

Telex: 21859 INTIAR

Number of graduate staff: 004

Establishment date: 1967

Main research areas: pulp and paper, forestry, wood chemistry, environment

Technical Director: Susana R. Bertolón de Sucatte

## CENTRO DE INVESTIGACION TECNOLOGICA DE LA MADERA Y

AFINES (CITEMA)

C.C. 42

1708 Morón

Buenos Aires

Tel: 541-6653362/6650068

Fax: 541-3132130

Telex: 021 859 INTIAR

Number of graduate staff: 008

Establishment date: 1978

Main research areas: wood technology, wood processing,  
eucalyptus

Technical Director: Graciela Inés Ramirez

## CENTRO DE INVESTIGACION Y EXTENSION FORESTAL

ANDINO-PATAGONICO (CIEFAP)

C.C. 238

9200 Esquel

Chubut

Tel: 945-3948

Fax: 945-3948

Telex: 80114 UNPEQ AR

Number of graduate staff: 011

Establishment date: 1990

Main research areas: silviculture and management, wood technology,  
harvesting, protection, economics

Director: Juan Andrés Enricci

## CENTRO DE INVESTIGACIONES Y EXPERIENCIAS FORESTALES

(CIEF)

Moreno 431

1091 Buenos Aires

Tel: 054-1-3434930

Fax: 054-1-3312136

Number of graduate staff: 012

Establishment date: 1984

Main research areas: tree improvement, silviculture and  
management, wood technology, poplar, willow, pine, eucalyptus

Scientific Director: Wilfredo H. Barrett

**INSTITUTO DE SILVICULTURA Y MANEJO DE BOSQUES (INSIMA)****Avenida Belgrano Sud 1219****4200 Santiago del Estero**

Tel: 5485-221322

Fax: 5485-222595

Telex: 6410 UNSETT AR

Cable: UNSE-INSIMA

Number of graduate staff: 034

Establishment date: 1986

Main research areas: wood technology

Director: José Antonio Lopez

**INSTITUTO DE TECNOLOGIA DE LA MADERA (FCF-UNSE)****Avenida Belgrano Sud 1912****4200 Santiago del Estero**

Tel: 5465-221322

Fax: 5465-222595

Telex: 64120 UNSET AR

Number of graduate staff: 010

Establishment date: 1978

Main research areas: wood technology, forest products

Director: Victor Raúl Medina

**INSTITUTO FORESTAL NACIONAL (IFONA)****Avenida Pueyrredón 2446****1119 Capital Federal**

Tel: 541-8033146

Fax: 541-8032815

Telex: 21535 DGAAG AR

Number of graduate staff: 042

Establishment date: 1948

Main research areas: tree improvement, silviculture, wood technology, protection, soils

Director: Omar Norberto Tesolin

**INSTITUTO NACIONAL DE TECNOLOGIA AGROPECUARIA (INTA)****C.C. 34****3200 Concordia****Entre Ríos**

Tel: 54-45-214027/210361

Fax: 54-45-216722

Telex: 17518 INTA AR

Number of graduate staff: 045

Establishment date: 1956

Main research areas: tree improvement, silviculture and management, ecology

Coordinador Nacional Programa Forestales: Martín A. Marco

UNIVERSIDAD DE BUENOS AIRES, FACULTAD DE CIENCIAS  
EXACTAS Y NATURALES, DEPARTAMENTO CIENCIAS  
BIOLOGICAS, LAB. ANATOMIA VEGETAL  
II Pabellon, 4º piso  
1428 Núñez  
Buenos Aires

Tel: 054-1-7815020 x.385  
Number of graduate staff: 003  
Establishment date: 1977  
Main research areas: wood technology  
Professor: Elena Ancibor

UNIVERSIDAD DE BUENOS AIRES, FACULTAD DE CIENCIAS  
EXACTAS Y NATURALES, DEPARTAMENTO DE CIENCIAS  
BIOLOGICAS, PRHIDEBC-CONICET  
II Pabellon, 4º piso  
Ciudad Universitaria (Núñez)  
1428 Buenos Aires

Tel: 054-1-7815020 x.202  
Number of graduate staff: 005  
Establishment date: 1960  
Main research areas: pathology  
Director del Programa: Jorge E. Wright

UNIVERSIDAD NACIONAL DE CORDOBA, FACULTAD DE CIENCIAS  
AGROPECUARIAS  
Avenida Valparaiso S/N  
C.C. 509  
5000 Cordoba

Tel: 5451-602684  
Fax: 5451-37841  
Telex: 51822 BUCOR AR  
Number of graduate staff: 025  
Establishment date: 1966  
Main research areas: silviculture and management, wood  
technology, economics  
Decano: Argos Argentino Rodríguez

## UNIVERSIDAD NACIONAL DE CUYO, FACULTAD DE CIENCIAS

AGRARIAS, INSTITUTO FORESTAL

C.C. 7

5505 Chacras de Coria

Mendoza

Tel: 5461-960004

Fax: 5461-960469

Telex: 55267 MEDOZ AR

Cable: FCA-UNC-5505

Number of graduate staff: 008

Establishment date: 1969

Main research areas: silviculture, wood technology, agroforestry, biotechnology, desertification, forest products, vegetative propagation, eucalyptus

Director: Rosa Inés Arreghin

UNIVERSIDAD NACIONAL DE LA PATAGONIA, CENTRO DE  
INVESTIGACIONES FORESTALES

Sarmiento 849

9200 Esquel

Chubut

Tel: 945-2271

Number of graduate staff: 011

Establishment date: 1981

Main research areas: silviculture, wood technology, natural forests, seeds

Director: Ernesto Andenmatten

UNIVERSIDAD NACIONAL DE MISIONES, FACULTAD DE CIENCIAS  
FORESTALES, INSTITUTO SUBTROPICAL DE INVESTIGACIONES  
FORESTALES

C.P. 3382

Eldorado, Misiones

Tel: 751-31526

Fax: 751-31766

Number of graduate staff: 017

Establishment date: 1975

Main research areas: agroforestry, biometeorology, entomology, natural forests, nutrition, pathology, seeds, silviculture and management, urban forestry, watersheds, wood technology

Director: Juan M. Kozarik

## UNIVERSIDAD NACIONAL DE SANTIAGO DEL ESTERO, FACULTAD DE

CIENCIAS FORESTALES

Avenida Belgrano Sud 1912

4200 Santiago del Estero

Tel: 5485-2221322

Fax: 5485-222595

Telex: 64120 UNSET AR

Number of graduate staff: 070

Establishment date: 1958

Main research areas: protection, silviculture, wood technology,  
arboreta

Decano: Eduardo Oscar Coronel

## UNIVERSIDAD NACIONAL DE SANTIAGO DEL ESTERO, FACULTAD DE

CIENCIAS FORESTALES, INSTITUTO DE CONTROL BIOLOGICA

Avenida Belgrano Sud 1912

4200 Santiago del Estero

Tel: 5485-221322

Fax: 5485-222595

Telex: 64120 UNSET AR

Number of graduate staff: 007

Establishment date: 1978

Main research areas: natural forests, agroforestry, inventory,  
plantations, tree improvement, soils, protection

Director: Liliana Diodato de Medina

## UNIVERSIDAD NACIONAL DEL SUR, DEPARTAMENTO DE

AGRONOMIA, CATEDRA DE ARBORICULTURA FORESTAL

San Andrés

Bahía Blanca

Buenos Aires

Tel: 5491-30024/34775

Fax: 5491-27876

Telex: 81712 DUJOR

Number of graduate staff: 003

Establishment date: 1956

Main research areas: silviculture, agroforestry, soils

Director: Gustavo A. Orioli

## ARMENIA

## FORESTRY DEPARTMENT, INSTITUTE OF BOTANY

SU-375063 Yerevan

Tel: 614440/614644

Number of graduate staff: 007

Establishment date: 1963

Main research areas: natural forests, silviculture, hydrology,  
history

Head of Forestry Department: K.A. Ter-Gazarian

**AUSTRALIA****APM FORESTS PTY LTD**

P.O. Box 37

Morwell 3840

Tel: 51-343433

Fax: 51-337955

Telex: AA30040

Number of graduate staff: 005

Establishment date: 1950

Main research areas: tree improvement, nutrition, silviculture, weeds, vegetative propagation, biotechnology, mensuration, pulp and paper, economics

Development Manager: John Cameron

**APPM FOREST RESEARCH**

P.O. Box 63

Ridgley, Tasmania 7321

Tel: 6104-357300

Fax: 6104-357607

Number of graduate staff: 005

Establishment date: 1985

Main research areas: tree improvement, soils, plantations, entomology, vegetative propagation

Research Manager: D. de Little

**AUSTRALIAN NATIONAL UNIVERSITY, CENTRE FOR RESOURCE & ENVIRONMENTAL STUDIES**

GPO Box 4

Canberra, ACT 2601

Tel: 616-2494277

Fax: 616-2490757

Telex: NATUNI AA2760

Number of graduate staff: 030

Establishment date: 1973

Main research areas: forest policy, economics, biodiversity

Director: H.A. Nix

**AUSTRALIAN NATIONAL UNIVERSITY, DEPARTMENT OF FORESTRY**

GPO Box 4

Canberra, ACT 2601

Tel: 616-2492579

Fax: 616-2490746

Telex: NATUNI AA2760

Establishment date: 1965

Main research areas: ecology, forest policy, gis, inventory, silviculture and management, soils, tree improvement, wildlife, wood technology, economics

Professor: E. P. Bachelard

**BUREAU OF RESOURCE SCIENCES, FORESTS SECTION****John Curtin House****Brisbane Avenue****Canberra, ACT 2601**

Tel: 62-724048

Fax: 62-724896

**Number of graduate staff: 005****Establishment date: 1992****Main research areas: inventory, forest policy****Section Manager: J. Fryer****COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH****ORGANIZATION (CSIRO), DIVISION OF FORESTRY****PO Box 4008****Queen Victoria Terrace****Canberra ACT 2600**

Tel: 616-2818211

Fax: 616-2818312

Telex: 62751

**Number of graduate staff: 086****Establishment date: 1927****Main research areas: tree improvement, silviculture and management, soils, plantations, genetic resources, nutrition, pathology****Chief of Division: G. A. Kile****COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH****ORGANIZATION (CSIRO), DIVISION OF FORESTRY, PLANTATION****FOREST RESEARCH CENTRE****P.O. Box 946****Mt. Gambier, South Australia 5290**

Tel: 6187-255555

Fax: 6187-231387

**Number of graduate staff: 005****Establishment date: 1962****Main research areas: plantations, soils, nutrition, tree improvement****Officer in charge: D. W. Sheriff**

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH  
ORGANIZATION (CSIRO), DIVISION OF FORESTRY, TASMANIAN  
RESEARCH CENTRE  
Locked Bag N.2, Post Office  
Sandy Bay  
7005 Tasmania

Tel: 61-02-207900

Fax: 61-02-207901

Number of graduate staff: 012

Establishment date: 1949

Main research areas: silviculture, nutrition, plantations,  
vegetative propagation, tree improvement

Officer in Charge: P. West

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH  
ORGANIZATION (CSIRO), DIVISION OF FORESTRY, WA FOREST  
RESEARCH GROUP  
Private Bag, Post Office  
Wembley WA 6014

Tel: 61-09-3870200

Fax: 61-09-3878991

Telex: 92178

Number of graduate staff: 10

Establishment date: 1959

Main research areas: silviculture, nutrition, plantations

Officer in Charge: F. Hingstone

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH  
ORGANIZATION (CSIRO), DIVISION OF PLANT INDUSTRY  
GPO Box 1600  
Canberra ACT 2601

Tel: 616-2464911

Fax: 616-2465000

Number of graduate staff: 188

Establishment date: 1928

Main research areas: genetic resources, tree improvement,  
biotechnology

Chief: W.J. Peacock

COOPERATIVE RESEARCH CENTRE FOR TEMPERATE HARDWOOD  
FORESTRY  
Locked Bag N. 2, Post Office  
Sandy Bay  
7005 Tasmania

Tel: 61-02-0207947

Fax: 61-02-207942

Number of graduate staff: 46

Establishment date: 1991

Main research areas: genetic resources, protection, soils

Director: James B. Reid

**DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT, SCIENCE  
AND INFORMATION DIVISION**

**P.O. Box 104**

**Como, Western Australia 6152**

**Tel: 610-9-3868811**

**Fax: 610-9-3861578**

**Number of graduate staff: 020**

**Establishment date: 1985**

**Main research areas: silviculture, hydrology, pathology, wildlife,  
entomology, wood technology**

**Director: J. A. Armstrong**

**DEPARTMENT OF PRIMARY INDUSTRIES, FOREST RESEARCH BRANCH**

**135 Waymouth Street (or) Box 1604 GPO**

**Adelaide, South Australia 5000**

**Tel: 618-2269900**

**Fax: 618-2269933**

**Cable: Woodforest Adel**

**Number of graduate staff: 012**

**Establishment date: 1876**

**Main research areas: plantations, mensuration, afforestation**

**Director: I.B. Millard**

**FORESTRY COMMISSION OF NSW, RESEARCH DIVISION**

**P.O. Box 100**

**Beecroft, NSW 2119**

**Tel: 610-2-8720120**

**Fax: 610-2-8725565**

**Number of graduate staff: 052**

**Establishment date: 1937**

**Main research areas: soils, nutrition, silviculture, entomology,  
pathology, ecology, hydrology, forest products**

**Director Research: John Turner**

**QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES, FOREST**

**RESEARCH INSTITUTE**

**M.S. 483**

**Gympie, Qld 4570**

**Tel: 074-822244**

**Fax: 074 828755**

**Number of graduate staff: 025**

**Establishment date: 1913**

**Main research areas: silviculture, soils, nutrition, tree improvement,  
protection, wildlife, hydrology, agroforestry, vegetative propagation**

**Director (Acting): J.A. Simpson**

QUEENSLAND FOREST SERVICE, TIMBER RESEARCH AND  
EXTENSION BRANCH

PO Box 631

Indooroopilly, Queensland 4068

Tel: 7-8779700

Fax: 7-3712217

Telex: Quefor AA43988

Number of graduate staff: 010

Establishment date: 1923

Main research areas: wood technology, wood processing, wood chemistry

Manager: D.K. Gough

SOUTHERN TREE BREEDING ASSOCIATION

P.O. Box 1811

Mt. Gambier, South Australia 5290

Tel: 87-230688

Fax: 87-230660

Number of graduate staff: 003

Establishment date: 1983

Main research areas: tree improvement

Chief Executive Officer: David Boomsma

UNIVERSITY OF MELBOURNE, FORESTRY SECTION

Parkville, Vic 3052

Tel: 613-3445240

Fax: 613-3444007

Telex: AA 35185

Cable: UNIMELB

Number of graduate staff: 012

Establishment date: 1941

Main research areas: silviculture and management, wood technology, agroforestry, economics, forest policy, remote sensing, physiology, ecology, harvesting, hydrology

Professor: I.S. Ferguson

UNIVERSITY OF NEW ENGLAND, DEPARTMENT OF ECOSYSTEM

MANAGEMENT

Armidale, NSW 2351

Tel: 6167-732539

Fax: 6167-732769

Number of graduate staff: 018

Establishment date: 1972

Main research areas: ecology, wildlife, conservation, biology, land management, environment

Head: J. A. Duggin

## UNIVERSITY OF QUEENSLAND, DEPARTMENT OF BOTANY

Brisbane, Queensland 4072

Tel: 07-3652731

Fax: 07-3651699

Telex: UNIVQLD AA40315

Number of graduate staff: 035

Establishment date: 1910

Main research areas: agroforestry, forest health, biometeorology, biology, botany

Head of Department: G.R. Stewart

## UNIVERSITY OF TASMANIA, CENTER FOR ENVIRONMENTAL

STUDIES

G.P.O. Box 252 C

Hobart, Tasmania 7001

Tel: 6102-202834

Fax: 6102-202989

Telex: AA 58150

Number of graduate staff: 003

Main research areas: fuelwood, ecology, conservation, pests, environment

Coordinator: John Todd

## AUSTRIA

## FEDERAL FORESTRY RESEARCH INSTITUTE - VIENNA (FBVA)

Seckendorff-Gudent-Weg 8

A 1131 Wien Schönbrunn

Tel: 87838

Fax: 8775907

Number of graduate staff: 076

Establishment date: 1874

Main research areas: silviculture, tree improvement, protection, forest management, inventory, ecology, chemical products, torrent & avalanche control

Director: Friedrich Ruhm

## OESTERREICHISCHES HOLZFORSCHUNGSIINSTITUT (OIFI)

Franz Grillstrasse 7

A-1030 Wien

Tel: 00431-79826230

Fax: 00431-798262350

Number of graduate staff: 019

Establishment date: 1948

Main research areas: wood technology, pulp and paper

Director: Georg Kursky

## OSTERREICHISCHES FORSCHUNGSZENTRUM SEIBERSDORF

GES.M.B.H.

Division of Life Sciences

A-2444 Seibersdorf

Tel: 0043-54-80-0

Fax: 0043-54-80-2118

Telex: 14-353 FZS

Number of graduate staff: 020

Establishment date: 1956

Main research areas: biotechnology, environment

Head, Division of Life Sciences: Hans Kroath

## UMWELT DATA GES.M.B.H.

Rudolfsplatz 3/9

A-1010 Wien

Tel: 00431-5356131

Fax: 00431-5356131/9

Number of graduate staff: 003

Establishment date: 1987

Main research areas: remote sensing, forest health, forest management, gis

Manager: Mauser Harald

UNIVERSITAT FUR BODENKULTUR, INSTITUT FUER  
FORSTENTOMOLOGIE, FORSTPATHOLOGIE UND FORSTSCHUTZ

Hasenauerstrasse 38

A-1190 Wien

Tel: 00431-315539/0

Fax: 00431-3105175

Number of graduate staff: 008

Establishment date: 1876

Main research areas: entomology, pathology, protection, forest health, physiology

Director: Erwin Führer

UNIVERSITAT FUR BODENKULTUR, INSTITUT FUER FORSTLICHE  
BETRIEBSWIRTSCHAFT UND FORSTWIRTSCHAFTSPOLITIK

Gregor Mendelstrasse 33

A-1180 Wien

Tel: 00431-47654317

Fax: 00431-3105475

Number of graduate staff: 011

Establishment date: 1872

Main research areas: economics, forest policy, land-use policy, marketing, inventory, non-wood forest products, forest management, operations research

Head of institute: Peter Glueck

**UNIVERSITAT FUR BODENKULTUR, INSTITUTE FOR FOREST  
PRODUCTS**

**Gregor Mendelstrasse 33  
A-1180 Wien**

**Tel: 00431-47654-0**

**Number of graduate staff: 004**

**Establishment date: 1872**

**Main research areas: forest products**

**Head of Institute: Helmut Resch**

**UNIVERSITAT FUR BODENKULTUR, INSTITUTE FOR SILVICULTURE**

**Peter Jordanstrasse 70  
1190 Wien**

**Tel: 00431-47654628**

**Telex: 00431-3691659**

**Number of graduate staff: 006**

**Establishment date: 1872**

**Main research areas: silviculture, soils, protection, tree  
improvement, nursery**

**Head of Institute: Karl Stoszek**

**UNIVERSITAT FUR BODENKULTUR, INSTITUTE FOR TORRENT AND  
AVALANCHE CONTROL**

**Peter Jordanstrasse 82  
A-1190 Wien**

**Tel: 00431-4765440/492/498**

**Fax: 00431-3105177**

**Number of graduate staff: 004**

**Establishment date: 1871**

**Main research areas: watersheds, afforestation, botany,  
environment, gis, hydrology**

**Head of Institute: Wolfgang Weinmeister**

**UNIVERSITAT FUR BODENKULTUR, INSTITUTE OF FOREST  
ECOLOGY**

**Peter Jordanstrasse 82  
A-1190 Wien**

**Tel: 00431-47654-528**

**Fax: 00431-477896**

**Number of graduate staff: 008**

**Establishment date: 1874**

**Main research areas: soils, ecology**

**Head of Institute: Gerhard Glatzel**

## UNIVERSITAT FUR BODENKULTUR, INSTITUTE OF FOREST

ENGINEERING

Peter Jordanstrasse 70, 2. Stock

A-1190 Wien

Tel: 00431-47654-638

Fax: 00431-3691659

Number of graduate staff: 005

Establishment date: 1875

Main research areas: harvesting, mechanization, engineering,  
work safety

Head of Institute: Anton Trzesniowski

## UNIVERSITAT FUR BODENKULTUR, INSTITUTE OF FOREST GROWTH

AND YIELD

Peter Jordanstrasse 70

A-1190 Wien

Tel: 00431-47654-647

Fax: 00431-3691659

Number of graduate staff: 007

Establishment date: 1963

Main research areas: inventory, mensuration, biometrics

Head of Institute: Hubert Sterba

UNIVERSITY OF GRAZ, DEPARTMENT FOR CHEMICAL PHYSIOLOGY,  
INSTITUTE OF PLANT PHYSIOLOGY

Schubertstrasse 51

8010 Graz

Tel: 0316-3805630

Fax: 0316-386815

Number of graduate staff: 004

Establishment date: 1900

Main research areas: environment, forest health, physiology,  
botany, ecology, pathology

Professor: Dieter Grill

## BANGLADESH

## BANGLADESH AGRICULTURAL RESEARCH COUNCIL

Farm Gate

New Airport Road

Dhaka 1215

Tel: 880-2-316187

Fax: 880-2-813032 ATTN FORESTRY

Telex: 642401 sher BJ ATTN BARC

Cable: AGRESEARCH

Number of graduate staff: 004

Establishment date: 1973

Main research areas: forest products, forestry

Member-Director (Forestry): S. M. Ruhul Amin

**BANGLADESH FOREST RESEARCH INSTITUTE**

Sholashahar, P.O. Box 273  
Chittagong-4000

Tel: 880-31-212164  
Cable: FORESTDALE

Number of graduate staff: 153

Establishment date: 1955

Main research areas: biotechnology, botany, economics, forest products, inventory, non-wood forest products, silviculture, tree improvement, pulp and paper, protection

Director: Mir Mohammad Hassan

**INSTITUTE OF FORESTRY**

Chittagong University  
Chittagong

Tel: 880-31-210131-42

Number of graduate staff: 014

Establishment date: 1979

Main research areas: forest management, forest products

Director: S. M. Sirajul Haque

**BELGIUM****CENTRE DE RECHERCHE ET DE PROMOTION FORESTIERES (CRPF),****SECTION ECOLOGIE**

Passage des Déportés, 2  
5030 Gembloux

Tel: 3281-622378/622320

Fax: 3281-614544

Telex: 59482 B-FSAGx

Number of graduate staff: 003

Establishment date: 1980

Main research areas: silviculture, natural forests, wood technology, economics, afforestation, ecology, environment  
Professeur. J. Rondeux

**DEPARTEMENT DE EAUX ET FORETS, FACULTE DES SCIENCES****AGRONOMIQUES DE GEMBLOUX**

Passage des Déportés 2  
5030 Gembloux

Tel: 3281-622301/622320

Fax: 3281-614544

Telex: 59482 B-FSAGx

Number of graduate staff: 015

Establishment date: 1897

Main research areas: silviculture, ecology, natural forests, wood technology, economics, inventory; biodiversity, forest management, mapping, mensuration, wildlife  
Professeur: J. Rondeux

**INSTITUT AGRICOLE DU HAINAUT, CENTRE AGRONOMIQUE DE  
RECHERCHES APPLIQUEES DU HAINAUT A.S.B.L.(CARAH)  
rue Paul Pastur 11  
7800 ATH**

Tel: 3268-282190

Fax: 3268-285660

**Number of graduate staff: 004**

**Establishment date: 1960**

**Main research areas: agroforestry, horticulture**

**Directeur: Van Kininckloo**

**LISEC, STUDIECENTRUM VOOR ECOLOGIE SBOSBOUW**

**Craenewenne 140**

**B-3600 Gent**

Tel: 3211-362791

Fax: 3211-355805

**Number of graduate staff: 023**

**Establishment date: 1948**

**Main research areas: ecology, silviculture and management**

**Sektiehoofd: B. Meuleman**

**STATION DE RECHERCHES FORESTIERES**

**Avenue Maréchal Juin 23**

**B-5-3- Gembloux**

Tel: 3281-611169

Fax: 3281-615727

Telex: 59165 CRAGX

**Number of graduate staff: 010**

**Establishment date: 1920**

**Main research areas: biology, wood technology, tree improvement, wildlife**

**Directeur de Station: André Leclercq**

**UNIVERSITE CATHOLIQUE DE LOUVAIN, UNITE DES EAUX ET FORETS**

**Place Croix du Sud 2 - Bte 9**

**1348 Louvain-la Neuve**

Tel: 3210-473698

Fax: 3210-473697

Telex: UCL B n° 59037

**Number of graduate staff: 012**

**Establishment date: 1938**

**Main research areas: silviculture and management, protection, wood technology, ecology**

**Responsable de l'Unité: Tomas Avella**

## UNIVERSITY OF ANTWERP, DEPARTMENT OF BIOLOGY,

## LABORATORY OF PLANT ECOLOGY

U.I.A.

Universiteitsplain, 1

B-2610 Wilrijk

Tel: 32-3-8202256

Fax: 32-3-8202271

Number of graduate staff: 007

Establishment date: 1974

Main research areas: physiology, tree improvement, environment, agriculture, ecology, poplar

Professor: I. Impens

UNIVERSITY OF GENT, LABORATORY OF REMOTE SENSING AND  
FOREST MANAGEMENT

Coupure 653

B9000 Gent

Tel: 32-91-646108

Fax: 32-91-646240

Telex: 12754 RUGENT b

Number of graduate staff: 006

Establishment date: 1984

Main research areas: conservation, desertification, forest management, forestry, gis, inventory, mensuration, remote sensing, silviculture and management

Director: Roland Goosens

## UNIVERSITY OF GHENT, LABORATORY OF FORESTRY

Geraardsbergse steenweg, 267

9090 Melle-Gontrode

Tel: 3291-522113

Fax: 3291-525466

Telex: 12754 RUGENT B

Number of graduate staff: 010

Establishment date: 1922

Main research areas: silviculture, ecology, forest policy, afforestation, environment

Professeur-Directeur: Lust Noël

**BENIN****UNITE RECHERCHES FORESTIERES****B.P. 06-707****Cotonou****Tel: 229-330662****Fax: 229-330421/300736****Number of graduate staff: 005****Establishment date: 1978****Main research areas: silviculture and management, agroforestry, wood technology, agroforestry, genetic resources****Directeur: Zénabou Yessoufou Yacoubo****BHUTAN****DEPARTMENT OF FORESTRY, RESEARCH DIVISION****Taba****Thimpu****Number of graduate staff: 003****Establishment date: 1987****Main research areas: silviculture and management, afforestation****Head of research: Lungten Norbu****BOTSWANA****FORESTRY ASSOCIATION OF BOTSWANA (FAB)****P.O. Box 2088****Gaborone****Tel: 267-351660****Fax: 267-300316****Number of graduate staff: 005****Establishment date: 1983****Main research areas: silviculture, agroforestry, social forestry, conservation****Research Manager: K. P. Walker**

## BRAZIL

**AMAZONIA NATIONAL RESEARCH INSTITUTE (INPA), DEPT. OF  
TROPICAL SILVICULTURE (CPST)**

CP 478

69.011 Manaus, Amazonas

Tel: 6423300

Fax: 6423440

Telex: 0922269

Number of graduate staff: 017

Establishment date: 1962

Main research areas: silviculture, forest management, seeds,  
soils, environment

Coordinator: Noeli Paulo Fernande

**AMAZONIA NATIONAL RESEARCH INSTITUTE (INPA), FOREST  
PRODUCTS RESEARCH CENTER (CPPF)**

Tel: 92-2369611

Fax: 92-6421706

Telex: 92-2269

Number of graduate staff: 043

Establishment date: 1953

Main research areas: forest products

Secretary of Science and Technology: Eneas Salati

**BRAZILIAN INSTITUTE OF ENVIRONMENT AND RENEWABLE  
NATURAL RESOURCE (IBAMA), FOREST PRODUCTS  
LABORATORY**

SAIN Av. L4 Norte - lote 04 - CEP: 70.770

Caixa Postal 04424 - CEP: 70.919

Brasilia, DF

Tel: 61-2251182

Fax: 61-2245206

Telex: 61-2120/1711

Number of graduate staff: 028

Establishment date. 1973

Main research areas: wood processing, wood technology, wood  
chemistry, product development

Chief, Forest Products Laboratory. Marcus Vinicius da Silva Alves

**CENTRO NACIONAL PESQUISA DE FLORESTAS (CNPF), EMBRAPA**

Estrada da Ribeira, km 111

Caixa Postal 319

83405-970 Colombo, PR

Tel: 041-3591313

Fax: 041-3592276

Telex: 041-30120

Number of graduate staff: 045

Establishment date: 1984

Main research areas: tree improvement, genetic resources, forest management, ecology, protection, silviculture and management

Chief: Vitor Afonso Hoefflich

**CHAMPION PAPEL E CELULOSE LTDA.**

Rodovia SP 340 km 171

13840 Mogi Guacu, SP

Tel: 192-618121

Fax: 192-611098

Telex: 191016

Number of graduate staff: 005

Establishment date: 1960

Main research areas: harvesting, forest management, afforestation, biotechnology, genetic resources, nursery, seeds, tree improvement, vegetative propagation

Natural Resource Director: Manoel de Freitas

**COMPANHIA AGRICOLA E FLORESTAL SANTA BARBARA**

Brasil Avenida 709

Belo Horizonte, MG 30.140

Tel: 2016322

Fax: 2227790

Telex: 3394

Number of graduate staff: 006

Establishment date: 1958

Main research areas: forestry, wood technology

Manager of Research: Paulo Renato de Oliveira Macedo

**DURAFLORA S/A**

Rua Osvaldo Cruz, 535 - conj. B

Barrio Ponte Sao Joao

13 200 Jundiai, SP

Tel: 55011-4373311

Fax: 55011-7315510

Telex: 011-70205

Number of graduate staff. 012

Establishment date: 1971

Main research areas: tree improvement, biotechnology, biometrics, mechanization, nutrition, forest management, environment

General Manager Development of Technology: Norival Nicolielo

**DURAFLORA S/A**

Fazenda Monte Alegre  
P.O. Box 50  
Agudos, São Paulo

Tel: 142-621233  
Fax: 142-621593  
Telex: 1170226 DURA BR

Number of graduate staff: 014

Establishment date: 1951

Main research areas: tree improvement, biotechnology, soils, environment, mechanization

Chief of Research: Norival Nicolieiro

**FLORESTAS RIO DOCE S/A**

Rua São Paulo, 351 - 62 andar  
30.170 - Belo Horizonte, MG

Tel: 31-2714295  
Fax: 31-2010316

Number of graduate staff: 012

Establishment date: 1967

Main research areas: tree improvement, soils, agroforestry, environment

Programming Department: Tito Flávio da Silva

**INSTITUTE OF FORESTRY RESEARCH AND STUDIES (IPEF)**

Av. Padua Dias 11  
Caixa Postal 530  
13400-970 Piracicaba, SP

Tel: 0194-336155  
Fax: 0194-336081  
Telex: 197881

Number of graduate staff: 007

Establishment date: 1968

Main research areas: tree improvement, agroforestry, environment, biotechnology, biometrics, forest management, mechanization, wood technology, nutrition, soils, seeds

Scientific Director: Luiz E. G. Barrichelo

IPT S.A. , DIVISION OF FOREST PRODUCTS, TEXTILES & LEATHER  
(DPFTC)

P.O. Box 7141  
05508 Sao Paulo, SP

Tel: 5511-0682211 x.515  
Fax: 5511-8693353  
Telex: 1180934  
Cable: TECHNINST

Number of graduate staff: 030

Establishment date: 1899

Main research areas: pulp and paper, wood technology, wood processing

Technical Director: Tiberio Cescon

KLABIN DO PARANA AGRO-FLORESTAL S.A., CENTRO DE PESQUISA  
FLORESTAL

Fazenda Monte Alegre - LAGOA  
84.265 Harmonia - Telemaco Borba, PR

Tel: 422-722502  
Fax: 422-722427  
Telex: 11-37835 Klabin BR

Number of graduate staff: 006

Establishment date: 1984

Main research areas: plantations, tree improvement, inventory, soils, nutrition, natural forests, wood technology

Research Manager: Paulo Kikuti

NATIONAL RESEARCH INSTITUTE OF THE AMAZON, PULP AND  
CHARCOAL DIVISION

Alameda Cosme Ferreira, 1756  
BP 478

69.083 Manaus, Amazonas

Tel: 922-369400-R-130  
Telex: 922209 INPA BR

Number of graduate staff: 004

Establishment date: 1968

Main research areas: pulp and paper, charcoal, wood chemistry

Chief of Research: Antonio de Azevedo Correa

**RESEARCH CENTRE OF ARACRUZ, ARACRUZ FLORESTAL S/A****(CEPAR)****Rua Professor Lobo 1128****Aracruz, ES 29190**

Tel: 5527-2561566 x.4194

Fax: 5527-2561881

Telex: 273241 BR

**Number of graduate staff: 006****Establishment date: 1972****Main research areas: biotechnology, tree improvement, soils, nutrition****Forestry Research Manager: Yara Kiemi Ikemori****UNESP, FACULDADE DE CIENCIAS AGRONOMICAS, CURSO DE  
ENGENHARIA FLORESTAL****Fazenda Experimental Lageado****Caixa Postal 237****18600 Botucatu, SP**

Tel: 149-223883

Telex: 0142107

**Number of graduate staff: 102****Establishment date: 1965****Main research areas: forestry, agriculture****Director: Flavio Abranches Pinheiro****UNIVERSITY OF BRASILIA, DEPARTMENT OF FORESTRY****Caixa Postal 15.2877****70.919 Brasilia, DF**

Tel: 61-2736026

Fax: 61-2721053

Telex: 2710

**Number of graduate staff: 021****Establishment date: 1976****Main research areas: inventory, ecology, wood technology****Professor: Jose Imana****UNIVERSITY OF SAO PAULO, COLLEGE OF AGRICULTURE,****DEPARTMENT OF FOREST SCIENCES****Av. Padua Dias 11****13400 Piracicaba, SP**

Tel: 0194-334124/330011

Fax: 0194-336081

Telex: 19.7881 IPEF BR or 191141 BR

**Number of graduate staff: 021****Establishment date: 1962****Main research areas: wildlife, physiology, ecology, inventory, biometrics, afforestation, soils, nutrition, economics, pulp and paper****Head of Department: Luiz Ernesto George Barrichelo**

**BRUNEI DARUSSALAM****MINISTRY OF INDUSTRY & PRIMARY RESOURCES, DEPARTMENT OF FORESTRY, BRUNEI FORESTRY CENTRE****Bandar Seri Begawan 2067****Tel: 673-2-222450/222687****Fax: 673-2-241012****Telex: CONTEL BU 228****Number of graduate staff: 009****Establishment date: 1986****Main research areas: silviculture, ecology, inventory, plantations****Director of Forestry: Morni bin Othman****BULGARIA****FOREST RESEARCH INSTITUTE****132 Kliment Ohridski Blv.****1756 Sofia****Tel: 622961****Number of graduate staff: 070****Establishment date: 1928****Main research areas: forestry, forest products****Director: Alexander H. Alexandrov****HIGHER INSTITUTE OF FORESTRY AND WOOD TECHNOLOGY****10 Kliment Ochridski Blv.****1156 Sofia****Tel: 682830****Fax: 680335****Number of graduate staff: 160****Establishment date: 1925****Rector: Andrey Raychev****RESEARCH STATION FOR FAST GROWING FOREST SPECIES****18 Str. Nove****5250 Svisthov****Tel: 631-22243****Fax: 23546****Number of graduate staff: 007****Establishment date: 1958****Main research areas: tree improvement, protection, poplar, forestry, economics****Directeur: Tzanco Tz**

## BURKINA FASO

## CENTRE NATIONAL DE SEMENCES FORESTIERES (CNSF)

01 BP 2682

Ouagadougou 01

Tel: 226-300857/301233

Fax: 226-301232

Telex: 5345 BF

Number of graduate staff: 018

Establishment date: 1983

Main research areas: tree improvement, vegetative propagation, seeds, protection, nursery, pathology, entomology, economics, physiology, symbiotic associations

Director: Laurent Magloire Some

## INSTITUT DE RECHERCHE EN BIOLOGIE ET ECOLOGIE TROPICAL (IRBET)

B.P. 7047

Ouagadougou

Tel: 226-307207/334098

Number of graduate staff: 023

Establishment date: 1987

Main research areas: agroforestry, tree improvement, hydrology, entomology, ecology, wood technology, environment, botany, forestry, arboreta, forest products

Director: Jean-Marie Ouadba

## BURUNDI

## INSTITUTE DES SCIENCES AGRONOMIQUES DU BURUNDI (ISABU), PROGRAMME RECHERCHE POUR LA PROTECTION DE L'ENVIRONNEMENT

B.P. 795

Bujumbura

Tel: 223390

Fax: 225798

Number of graduate staff: 009

Establishment date: 1978

Main research areas: silviculture, agroforestry, watersheds

Responsable de la Recherche: Hervé Duchaufou

## CAMEROON

## CENTRE UNIVERSITAIRE DE DSCHANG

B.P. 96

Dschang

Tel: 451267

Telex: 7013 KN

Cable: CUDS - DSCHANG

Number of graduate staff: 015

Establishment date: 1979

Main research areas: silviculture, economics, wood technology,  
hydrology, tree improvement, forest productsChef de Division de la Recherche et Appui au Développement: Dr.  
Lyonga

## INSTITUT DE LA RECHERCHE AGRONOMIQUE

B.P. 2123

Yaoundé

Tel: 237-232644, 233538

Fax: 237-223022

Telex: 1740 KN

Number of graduate staff: 219

Establishment date: 1980

Main research areas: agriculture, genetic resources

Directeur: Jacob Ayuk-Takem

## UNIVERSITE DE YAOUNDE I, FACULTE DE SCIENCES

B.P. 812

Yaoundé

Tel: 237-220955

Fax: 237-235388

Telex: 8384 KN

Number of graduate staff: 005

Establishment date: 1962

Main research areas: ecology, botany, afforestation, non-wood forest  
products, nursery

Dean: Robert Roux

## CANADA

## ALBERTA FOREST SERVICE, PROGRAM SUPPORT BRANCH

9920-108 Street  
10th Floor Bramalea Building  
Edmonton  
Alberta T5K 2M4

Tel: 403-4273549  
Fax: 403-4270292  
Telex: 0373676

Number of graduate staff: 007

Establishment date: 1930

Main research areas: tree improvement, protection, wildlife, forest management, silviculture, mensuration, biotechnology, wood chemistry

Division Research Coordinator: Ted Szabo

## ALBERTA RESEARCH COUNCIL, FOREST PRODUCTS PROGRAM

P.O. Box 8330  
Edmonton  
Alberta T6H 5X2

Tel: 403-4505419  
Fax: 403-4505397

Number of graduate staff: 006

Establishment date: 1921

Main research areas: forest products, pulp and paper, wildlife

President: Brian Barge

## BRITISH COLUMBIA, MINISTRY OF FORESTS, RESEARCH BRANCH

31 Bastion Square  
Victoria  
British Columbia V8W 3E7

Tel: 604-3876720  
Fax: 604-3870046

Number of graduate staff: 085

Establishment date: 1929

Main research areas: biodiversity, environment, nursery, physiology, seeds, silviculture and management, soils, tree improvement, watersheds

Director: Ted E. Baker

**FOREST ENGINEERING RESEARCH INSTITUTE OF CANADA (FERIC)**

143 Place Frontenac  
Pointe-Claire  
Quebec H9R 4Z7

Tel: 514-6941140  
Fax: 514-6944351

Number of graduate staff: 048

Establishment date: 1975

Main research areas: engineering, forest management, harvesting, operations research, work safety, environment, forestry, mechanization, silviculture and management

President and Chief Executive officer: Pierre Y. Bourdages

**FORESTRY CANADA, FOREST PEST MANAGEMENT INSTITUTE**

P.O. Box 490  
Sault Ste Marie  
Ontario P6A 5M7

Tel: 705-9499461  
Fax: 705-7595700

Number of graduate staff: 040

Establishment date: 1977

Main research areas: protection

Director General: E.S. Kondo

**FORESTRY CANADA, MARITIMES REGION**

P.O. Box 4000  
Fredericton  
New Brunswick E3B 5P7

Tel: 506-4523500  
Fax: 506-4523140

Number of graduate staff: 036

Main research areas: biometeorology, tree improvement, protection, forest management, environment

Regional Director General: H. Oldham

**FORESTRY CANADA, NEWFOUNDLAND AND LABRADOR REGION**

Bdg. 304, Pleasantville  
P.O. Box 6028  
St John's  
Newfoundland A1C 5X8

Tel: 709-7726019  
Fax: 709-7722576

Number of graduate staff: 018

Establishment date: 1950

Main research areas: environment, protection, economics, forestry

Regional Director General: J. A. Munro

**FORESTRY CANADA, NORTHWEST REGION**

5320-122 Street

Edmonton

Alberta T6H 3S5

Tel: 403-4357210

Fax: 403-4357359

Number of graduate staff: 055

Establishment date: 1970

Main research areas: protection, inventory, GIS, environment, economics, forest policy, entomology, hydrology, fire, inventory

Regional Director General: A. D. (Dave) Kill

**FORESTRY CANADA, ONTARIO REGION**

P.O. Box 490

Sault Ste. Marie

Ontario P6A 5M7

Tel: 705-9499461

Fax: 705-7595700

Number of graduate staff: 050

Establishment date: 1944

Main research areas: forest management, protection, environment, forest products

Regional Director General: C. H. Winget

**FORESTRY CANADA, PACIFIC AND YUKON REGION**

506 West Burnside Road

Victoria

British Columbia V8Z 1M5

Tel: 604-3630600

Fax: 604-3630775

Number of graduate staff: 096

Establishment date: 1965

Main research areas: silviculture and management, economics, remote sensing, protection

Regional Director General: T. J. Drew

**FORESTRY CANADA, PETAWAWA NATIONAL FORESTRY INSTITUTE**

P.O. Box 2000

Chalk River

Ontario K0J 1J0

Tel: 613-5892880

Fax: 613-5892275

Number of graduate staff: 060

Establishment date: 1918

Main research areas: forest management, biotechnology, fire, remote sensing, tree improvement, genetic resources, GIS, inventory, seeds, silviculture and management

Director General: A. B. Case

**FORESTRY CANADA, QUEBEC REGION**

1055 rue du P.E.P.S.

P.O. Box 3800

Sainte-Foy

Quebec G1V 4C7

Tel: 418-6487032

Fax: 418-6485849

Number of graduate staff: 035

Establishment date: 1958

Main research areas: biotechnology, entomology, genetic resources, pathology, physiology, remote sensing, silviculture and management, tree improvement

Research Director: Michel Boudoux

**FORESTRY CANADA, SCIENCE AND SUSTAINABLE DEVELOPMENT**

351 St. Joseph Blvd

Hull

Quebec K1A 1G5

Tel: 613-9971107

Fax: 613-9903437

Number of graduate staff: 037

Main research areas: environment, forest health, marketing

Director General: F. C. Pollett

**FORINTEK CANADA CORP**

2665 East Mall

Vancouver

British Columbia V6T 1W5

Tel: 604-2243221

Fax: 604-2225690

Number of graduate staff: 065

Establishment date: 1979

Main research areas: forest products, wood technology

President and Chief Executive Officer: Ian de la Roche

**LAKEHEAD UNIVERSITY, SCHOOL OF FORESTRY**

Thunder Bay

Ontario P7B 5E1

Tel: 807-348117

Fax: 807-3438116

Telex: 073-4594

Number of graduate staff: 030

Establishment date: 1949

Main research areas: silviculture, forest management, pathology, forest policy, GIS, entomology, wood technology, conservation, mensuration, wildlife

Director: John K. Naysmith

**MINISTERE DES FORETS DU QUEBEC, DIRECTION DE LA  
RECHERCHE**  
**2700, rue Einstein**  
**Sainte-Foy**  
**Québec G1P 3W8**

Tel: 418-6437994  
Fax: 418-6432165  
Telex: 051-31589 SDBCS-QBC

**Number of graduate staff: 075**

**Establishment date: 1967**

**Main research areas: tree improvement, afforestation, ecology, natural forests, protection, forestry, nursery, soils, remote sensing, silviculture**

**Director: Yvon Martin**

**ONTARIO MINISTRY OF ENVIRONMENT, PHYTOTOXICOLOGY**

**SECTION**  
**125 Resources Rd**  
**Weston**  
**Ontario M9P 3T1**

Tel: 416-2356250  
. Fax: 416-2356235

**Number of graduate staff: 006**

**Establishment date: 1968**

**Main research areas: forest health, agriculture, environment**

**Section Manager: Ron G. Pearson**

**UNIVERSITE DU QUEBEC A TROIS-RIVIERES, CENTRE DE  
RECHERCHE EN PATE ET PAPIERS**

**3351 boul. des Forges**  
**Trois-Rivières**  
**Québec G9A 5H7**

Tel: 819-3765075  
Fax: 819-3765148

**Number of graduate staff: 020**

**Establishment date: 1970**

**Main research areas: pulp and paper**

**Director: H.C. Lavallée**

UNIVERSITE DU QUEBEC, CENTRE MULTIREGIONAL DE  
RECHERCHE EN FORESTERIE  
531, boulevard des Prairies  
CP 100 Laval  
Québec H7N 4Z3

Tel: 514-6875010  
Fax: 514-6865501

Number of graduate staff: 042

Establishment date: 1985

Main research areas: pulp and paper, ecology, protection, forest management

Directeur: Gilles Frisque

UNIVERSITE LAVAL, FACULTE DE FORESTERIE ET DE GEOMATIQUE  
Cité Universitaire, Sainte-Foy  
Québec G1K 7P4

Tel: 418-6563053  
Fax: 418-6563177

Number of graduate staff: 043

Establishment date: 1910

Main research areas: silviculture and management, entomology, forest policy, biotechnology, genetic resources, gis, wood technology, hydrology, pathology, remote sensing

Vice-doyen à la recherche: Pierre Gagnon

UNIVERSITY OF ALBERTA, FACULTY OF AGRICULTURE & FORESTRY,  
DEPARTMENT OF FOREST SCIENCE  
8-55 General Services Building  
Edmonton  
Alberta T6G 2H1

Tel: 403-4924413  
Fax: 403-4924323

Number of graduate staff: 050

Establishment date: 1920

Main research areas: forest management, genetic resources, land-use policy, ecology, silviculture, wildlife, watersheds, social forestry, biometrics, biodiversity

Chair of Office of Research Services: Bruce Dancik

UNIVERSITY OF BRITISH COLUMBIA, FACULTY OF FORESTRY  
270-2357 Main Mall  
Vancouver  
British Columbia V6T 1Z4

Tel: 604-822-2727  
Fax: 604-822-8645

Number of graduate staff: 050

Establishment date: 1915

Main research areas: forest management, forestry, wood technology, forestry

Dean: Clark S. Binkley

**UNIVERSITY OF BRITISH COLUMBIA, FACULTY OF FORESTRY,  
CENTRE FOR APPLIED CONSERVATION OF BIOLOGY**  
2357 Main Mall  
Vancouver  
British Columbia V6T 1Z4

Tel: 604-8225724  
Fax: 604-8229102

**Number of graduate staff: 008**

**Main research areas: biodiversity, conservation, ecology,  
environment, genetic resources, GIS, land-use policy, natural  
forests, silviculture and management, wildlife**

**Director: F. L. Bunnel**

**UNIVERSITY OF NEW BRUNSWICK, FACULTY OF FORESTRY**

**Bag Service #44555**

**Fredericton**

**New Brunswick E3B 6C2**

Tel: 506-4534501  
Fax: 506-4533538

**Number of graduate staff: 033**

**Establishment date: 1908**

**Main research areas: engineering, forestry**

**Dean of Forestry: I. R. Methven**

**UNIVERSITY OF NEW BRUNSWICK, WOOD SCIENCE & TECHNOLOGY**

**CENTRE**

**RR10, Hugh John Flemming Forestry Centre**

**Fredericton**

**New Brunswick E3B 6H6**

Tel: 506-4534507  
Fax: 506-4533574

**Number of graduate staff: 006**

**Establishment date: 1988**

**Main research areas: wood technology, product development**

**Director: Ian Smith**

**UNIVERSITY OF TORONTO, FACULTY OF FORESTRY**

**33 Willcocks St.**

**Toronto**

**Ontario M5S 3B3**

Tel: 416-9785480  
Fax: 416-9783834

**Number of graduate staff: 020**

**Establishment date: 1907**

**Main research areas: physiology, tree improvement, nutrition,  
pests, forest management, wood technology**

**Assistant Dean, Research: David C.F. Fayle**

## CHILE

## BIOFOREST

Edificio Prales, Of.410

Casilla 347

Valdivia

Tel: 56-063-213801/212780

Fax: 56-063-215474

Number of graduate staff: 013

Main research areas: genetic resources, pathology, pests

Director: Eduardo R. Treskow

## CORPORACION NACIONAL FORESTAL

Avenida Bulnes 285, Of. 501

Santiago de Chile

Tel: 56-2-6991257/6966677

Fax: 5602-6715881

Telex: 240001 CONAF CL

Number of graduate staff: 060

Establishment date: 1972

Main research areas: natural forests, protection, wildlife, nursery, forest health, land-use policy

Director Ejecutivo: Juan Moyac

## INSTITUTO FORESTAL

Huerfanos 554

Santiago de Chile

Tel: 56-2-6396189/6397911

Fax: 56-2-63812186

Number of graduate staff: 040

Establishment date: 1965

Main research areas: silviculture, forest products, inventory, marketing, environment, forest management

Director Ejecutivo: Tómas Balaguer Q.

## UNIVERSIDAD AUSTRAL DE CHILE, FACULTAD DE CIENCIAS

FORESTALES

Casilla 853

Valdivia

Tel: 63-213911 x.1227

Fax: 63-212953

Number of graduate staff: 030

Establishment date: 1954

Main research areas: silviculture, economics, wood technology

Prodecano: Juan Schiatter

**UNIVERSIDAD DE CHILE, FACULTAD DE CIENCIAS AGRARIAS Y FORESTALES, ESCUELA DE CIENCIAS FORESTALES**

**Casilla 9206**

**Santiago de Chile**

**Tel: 5587042**

**Fax: 56-2-5587635**

**Number of graduate staff: 037**

**Establishment date: 1952**

**Main research areas: silviculture and management, wood technology**

**Director: Jorge Gilchrist Moreno**

**UNIVERSIDAD DE CONCEPCION, FACULTAD DE INGENIERIA, LABORATORIO DE PRODUCTOS FORESTALES**

**Casilla 53-C, Correo 3**

**Concepcion**

**Tel: 56-041-234985 x.2137/2762**

**Telex: 260004 TEJCO CL**

**Number of graduate staff: 045**

**Establishment date: 1960**

**Main research areas: wood chemistry, wood technology, wood processing**

**Chief of Laboratory: Claudio Zaror**

**UNIVERSIDAD DE TALCA, ESCUELA DE INGENIERIA FORESTAL**

**Casilla 721**

**Talca**

**Tel: 56-071-226371/227224**

**Fax: 56-071-226371**

**Number of graduate staff: 021**

**Establishment date: 1982**

**Main research areas: silviculture and management, wood technology**

**Director: Norman Smith Vivallo**

**CHINA**

**ACADEMIA SINICA, INSTITUTE OF DESERT RESEARCH**

**174 Donggang West Road**

**Lanzhou**

**Tel: 26725**

**Telex: 72149 ICERO CN**

**Cable: 3097 Lanzhou**

**Number of graduate staff: 238**

**Establishment date: 1978**

**Main research areas: afforestation, social forestry, desertification**

**Director-General: Zhu Zhenda**

**ANHUI PROVINCE FOREST, BIOLOGICAL CONTROL CENTRE**

Shu Shan Rd. 132

Hefei city 230031

Tel: 333725/335795

Number of graduate staff: 033

Main research areas: entomology

Director: Zhou Jian Sheuug

**CHINESE ACADEMY OF FORESTRY, CENTRE OF EVALUATING  
EFFECTS ON ENVIRONMENTS**

Wan Shou Shan

Beijing 100091

Number of graduate staff: 019

Establishment date: 1985

Main research areas: environment

Director: Li Huixian

**CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
CHEMICAL PROCESSING AND UTILIZATION OF FOREST  
PRODUCTS**

Shao Shan Road

Nanjing, Jiangsu Province

Number of graduate staff: 261

Establishment date: 1960

Director: Zhang Zhonghe

**CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
FOREST RESOURCE INFORMATION TECHNIQUES**

Wan Shou Shan

Beijing, 100091

Number of graduate staff: 064

Establishment date: 1984

Main research areas: remote sensing, forest management

Director: Xu Guanhua

**CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
FOREST RESOURCE INSECTS**

Jingdong

Yunnan Province

Number of graduate staff: 039

Establishment date: 1962

Main research areas: entomology

Director: Hou Kaiwei

**CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF****FORESTRY****Wan Shou Shan****Beijing**

Tel: 2582211-614

Fax: 2582317

Cable: 0161

**Number of graduate staff: 239****Establishment date: 1953****Main research areas: tree improvement, protection,****biotechnology, botany, seeds, silviculture****Director: Wang Shiji****CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
FORESTRY ECONOMICS****Building 17, Sheng Gu Nan Li****Beijing 100029**

Tel: 4210476

Cable: 6085

**Number of graduate staff: 042****Establishment date: 1960****Main research areas: forest management, economics, forest  
policy****Director: Jin Xi-Zhu****CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
SCIENTIFIC AND TECHNOLOGICAL INFORMATION****Wan Shou Shan****Beijing 100091**

Tel: 2582211 x. 725

Fax: 861-2582317

Cable: 0161

**Number of graduate staff: 100****Establishment date: 1958****Main research areas: forestry, social forestry, forest policy****Director: Hou Yuanzhao****CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF  
TROPICAL FORESTRY****Long Dong****Guangzhou 510520**

Tel: 705646

Cable: Guangzhou 4163

**Number of graduate staff: 071****Establishment date: 1962****Main research areas: ecology, fuelwood, silviculture, tree  
improvement, agroforestry, biotechnology, conservation****Director: Bai Jiayu**

**CHINESE ACADEMY OF FORESTRY, RESEARCH INSTITUTE OF****WOOD INDUSTRY**

Wan Shou Shan

Beijing 100091

Tel: 2582211 x.412

Fax: 2581937

Cable: Beijing 0161

Number of graduate staff: 167

Establishment date: 1957

Main research areas: wood technology, wood processing, product development, wood chemistry, forest products, engineering, operations research, biotechnology, marketing, mechanization

Director: He Naizhang

**CHINESE ACADEMY OF FORESTRY, SUBTROPICAL FORESTRY****RESEARCH INSTITUTE**

Fuyang

Zhejiang

Tel: 23994

Cable: 0120

Number of graduate staff: 090

Establishment date: 1964

Main research areas: silviculture, tree improvement, protection, soils, physiology, botany, landscape architecture

Director: Chen Yitai

**CHINESE ACADEMY OF SCIENCES, INSTITUTE OF APPLIED****ECOLOGY**

P.O. Box 417

Shenyang

Tel: 8624-383401

Fax: 8624-391320

Telex: 80095 IMRAS CN

Cable: SHENYANG 0960

Number of graduate staff: 598

Establishment date: 1954

Main research areas: afforestation, ecology, natural forests, botany, plantations

Director Prof. Shen Shanmin

FORESTRY RESEARCH INSTITUTE OF GUANGXI ZHUANG  
AUTONOMOUS REGION  
23 Yong Wu Road  
530001 Nanning  
Guangxi

Tel: 0771-21593  
Cable: 1199

Number of graduate staff: 112

Establishment date: 1956

Main research areas: silviculture, physiology, ecology, protection, forest products, arboreta, mechanization, chemical products, eucalyptus, non-wood forest products, physiology

Director: Yi Shijia

RESEARCH INSTITUTE OF FOREST SCIENCE OF SHAANXI

PROVINCE

Yongling Station  
Shaanxi Province

Tel: 92972351  
Fax: 92972509  
Telex: 5810  
Cable: 712100

Number of graduate staff: 126

Establishment date: 1958

Main research areas: protection, forest health, tree improvement, silviculture and management

Chief of Research: Fu Yuqin

SHANGHAI WOOD INDUSTRY RESEARCH INSTITUTE (SWIRI)

667 Zhongshan Road (West)  
Shanghai 200051

Tel: 2412200/2412266  
Fax: 021-2412266  
Cable: 0523 Shanghai

Number of graduate staff: 056

Establishment date: 1978

Main research areas: wood technology, wood processing, product development, wood chemistry, mechanization, forest products

Director: Ma Xin

**SICHUAN RESEARCH INSTITUTE OF FORESTRY****344 Jinhua Street****Chengdu****Sichuan 610081****Tel: 28-336877****Cable: 7897 Chengdu****Number of graduate staff: 212****Establishment date: 1958****Main research areas: silviculture, tree improvement, botany, ecology, protection, wood processing, engineering****Director: He Zhongmin****TAIWAN PROVINCE OF CHINA****NATIONAL CHIAYI INSTITUTE OF AGRICULTURE, DEPARTMENT OF FORESTRY****84 Hon-Mao Bei****Lu-Liao Li****Chiayi****Tel: (5) 2775630****Number of graduate staff: 030****Establishment date: 1919****Department Head: Yiren Wang****NATIONAL TAIWAN UNIVERSITY, DEPARTMENT OF FORESTRY, THE CHINESE FORESTRY ASSOCIATION****Tel: 3629736****Number of graduate staff: 500****Establishment date: 1967****Main research areas: forestry****Director: Pao-chang Kuo****NATIONAL TAIWAN UNIVERSITY, THE EXPERIMENTAL FOREST****No. 12 Chien-Shan Rd.****Chu-Shan****Nan-Tou Hsien****Tel: 88649-642181****Fax: 88649-641184****Number of graduate staff: 075****Establishment date: 1949****Main research areas: silviculture and management, tree improvement, afforestation, arboreta, forest management, forest policy, forest products, forestry, gis, nursery****Director: Nathan Gung-Nai Yao**

**TAIWAN FORESTRY RESEARCH INSTITUTE**

53 Nan-Hai Road

Taipei

Taiwan 100

Tel: (8862) 3817107

Fax: (8862) 3142234

Number of graduate staff: 097

Establishment date: 1895

Main research areas: biology, silviculture and management, economics, protection, watersheds, forest products

Director: Jenq-Chuan Yang

**COLOMBIA****CORPORACION AUTONOMA REGIONAL DEL CAUCA (CVC)**

Carrera 56 # 11-36

Cali

Valle

Tel: 396671

Fax: 304080, 393431

Telex: 55700 CVC CO

Number of graduate staff: 002

Establishment date: 1955

Main research areas: silviculture, agroforestry, symbiotic associations, watersheds

Jefe Programa Fomento Forestal: Francisco Castaño Nieto

**CORPORACION NACIONAL DE INVESTIGACION Y FOMENTO FORESTAL (CONIF)**

Carrera 50 N. 27-70

Modulo 1 Nivel 5

Apartado Aereo 091676

Santafé de Bogotá

Tel: 57-1-2213473

Fax: 57-1-218624

Number of graduate staff: 011

Establishment date: 1974

Main research areas: silviculture, agroforestry, plantations,

Director: Gonzalo de las Salas

**INSTITUTO NACIONAL DE LOS RECURSOS NATURALES****RENOVABLES Y DEL AMBIENTE (INDERENA)****Apartado Aereo 13458****Santa Fé de Bogotá, D.C.**

Tel: 91-2433776

Fax: 2833458/2868643

Telex: 44428 INDE.CO

**Number of graduate staff: 100****Establishment date: 1969****Main research areas: afforestation, conservation, ecology, environment, forest management, forest policy, forest statistics, inventory, natural forests, plantations****Director: Manuel Rodriguez Becerra****REFORESTADORA SAN SEBASTIAN RESS S.A.****Apartado Aereo 869****Calle 15 26A-40 Soledad (Atlantico)****Barranquilla**

Tel: 422583

Fax: 422464

Telex: 33315

Cable: RESS

**Number of graduate staff: 002****Establishment date: 1980****Main research areas: tree improvement, soils, silviculture, plantations****Jefe de Departamento Técnico: Iván Esquivel Di Filippo****SMURFIT CARTON DE COLOMBIA****Apartado Aereo 6574****Cali**

Tel: 5723-694062

Fax: 5723-694073

**Number of graduate staff: 009****Establishment date: 1947****Main research areas: silviculture and management, wood technology, vegetative propagation, pulp and paper****Gerente, Investigación Forestal: J.A. Wright****UNIVERSIDAD NACIONAL DE COLOMBIA, SECCIONAL DE MEDILLIN, DEPARTAMENTO DE CIENCIAS FORESTALES****Autopista Norte Cra 64****Calle 65, Apartado Aereo 568****Medellin**

Tel: 2307079/2300120

**Number of graduate staff: 020****Establishment date: 1951****Main research areas: silviculture and management, protection, afforestation, forest policy, watersheds****Director: Luis Alberto Blandón Montes**

## COSTA RICA

CENTRO DE INVESTIGACION EN INTEGRACION BOSQUE INDUSTRIA  
(CIIBI)

Apartado 159  
7050 Cartago

Tel: 506-515333  
Fax: 506-515348  
Telex: 8013 ITCCR

Establishment date: 1991

Main research areas: protection, silviculture and management, biometrics, operations research, seeds, genetic resources, wood processing, wood technology, product development, natural forests

Coordinator: Olman Murillo Gamboa

## UNIVERSIDAD NACIONAL, ESCUELA DE CIENCIAS AMBIENTALES

Apartado 86.3000 Heredia

Tel: 506-376363 x.2291  
Fax: 506-377036  
Telex: 7550 UNAVI CR

Number of graduate staff: 040

Establishment date: 1973

Main research areas: forestry, ecology, biodiversity, genetic resources

Coordinador de Investigación: María del Rosario Alfano

## COTE D'IVOIRE

## INSTITUT DES FORETS, DEPARTEMENT FORESTERIE

08 BP 33  
Abidjan 08

Tel: 225-442858/442859  
Fax: 225-226985  
Telex: 22167

Number of graduate staff: 022

Establishment date: 1962

Main research areas: forestry, agroforestry, biometrics, forest management, genetic resources, entomology, silviculture and management, tree improvement, environment, energy, seeds

Directeur: Balle Pity

**CROATIA****FOREST RESEARCH INSTITUTE JASTREBARSKO**

**Cvjetno Naselje 41  
41420 Jastrebarsko**

**Tel: 3841-831022  
Telex: 3841-831493**

**Number of graduate staff: 035  
Establishment date: 1945  
Main research areas: forestry  
Director: Joso Gracan**

**UNIVERSITY OF ZAGREB, FACULTY OF FORESTRY**

**P.O. Box 178  
41000 Zagreb**

**Tel: 3841-218288  
Fax: 3841-218616**

**Number of graduate staff: 096  
Establishment date: 1860  
Main research areas: forestry, wood technology  
Dean: Sime Mestrovic**

**CYPRUS****MINISTRY OF AGRICULTURE AND NATURAL RESOURCES,  
FORESTRY DEPARTMENT, RESEARCH DIVISION  
Nicosia**

**Tel: 2-304335  
Fax: 2-451419  
Telex: 4660**

**Number of graduate staff: 003  
Establishment date: 1954  
Main research areas: seeds, vegetative propagation, tree  
improvement, silviculture  
Head of Research: Marcos Daniel**

**CZECH REPUBLIC****FOREST AND GAME MANAGEMENT RESEARCH INSTITUTE**

**Jiloviste - Strnady  
156 04 Praha 516**

**Tel: 0042-2-591612-7  
Fax: 0042-2-591413**

**Number of graduate staff: 104  
Establishment date: 1921  
Main research areas: forest policy, ecology, nursery, protection,  
wildlife, genetic resources, biotechnology, seeds, silviculture and  
management, tree improvement, physiology, poplar  
Director: Karel Vancura**

## UNIVERSITY OF AGRICULTURE, BRNO, FACULTY OF FORESTRY

Zemedelska 3  
61300 Brno

Tel: 425-5164  
Fax: 425-676737  
Telex: 62489

Number of graduate staff: 100

Establishment date: 1919

Main research areas: vegetative propagation, ecology, economics, harvesting, wildlife, forest health, wood processing, wood technology, silviculture and management

Dean: František Dousek

## DENMARK

## DANIDA FOREST SEED CENTRE

Krogerupvej 3A  
3050 Humlebaek

Tel: 4542-190500  
Fax: 4542-160258  
Telex: 16600 FOTEX DK  
Cable: FORESTSEED

Number of graduate staff: 010

Establishment date: 1969

Main research areas: seeds, tree improvement, genetic resources

Director: Bjarne Ditlevsen

## DANISH FOREST AND LANDSCAPE RESEARCH INSTITUTE

Skovbrynet 16  
DK-2800 Lyngby

Tel: 4545-931200  
Fax: 4545-934849

Number of graduate staff: 040

Establishment date: 1901

Main research areas: forestry, mechanization, silviculture and management, protection, tree improvement, conservation, soils, land-use policy, ecology, landscape architecture

Director: Niels Elers Koch

## DANISH LAND DEVELOPMENT SERVICE

Klostergården 12  
P.O. Box 110  
DK-8800 Viborg

Tel: 4586-676111  
Fax: 4586-675101  
Telex: 66228 DANLA DK

Number of graduate staff: 004

Main research areas: nutrition, tree improvement

Head of Forestry Research: Jan Thorn Clausen

THE ROYAL VETERINARY AND AGRICULTURAL UNIVERSITY,  
INSTITUTE OF BOTANY, DENDROLOGY AND FOREST GENETICS,  
ARBORETUM  
Kirkegaardsvej 3a  
DK 2970 Hørsholm  
Tel: 4542-860641  
Fax: 4542-860774  
Number of graduate staff: 008  
Establishment date: 1936  
Main research areas: botany, ecology, tree improvement  
Director: Søren Odum

#### UNIT OF FORESTRY

Thorvaldsensvej 57  
DK 1871 Frederiksberg C  
Tel: 45-31357833  
Number of graduate staff: 022  
Main research areas: silviculture and management, economics,  
ecology, forest policy, forest products, wood technology  
Dean: P. O. Olesen

#### ECUADOR

CORPORACION DE DESARROLLO PARA EL SECTOR FORESTAL Y  
MADERERO DEL ECUADOR (CORMADERA)  
Via Quito - Puembo, Km 22  
P.O. Box 17-210152  
Puembo  
Tel: 5932-390296/390298  
Fax: 5932-439559  
Number of graduate staff: 012  
Establishment date: 1988  
Main research areas: biotechnology, silviculture, forest products,  
wood technology, economics, product development  
Presidente Ejecutivo: Alberto Robalino F.

EMPRESA DE DESARROLLO FORESTAL C.E.M. (EMDEFOR)  
La Argentino 3858  
P.O. BOX 363  
Tel: 5932-962430/963068  
Number of graduate staff: 007  
Establishment date: 1980  
Main research areas: plantations, nursery  
Jefe del Vivero: Arturo Vilo

## EGYPT

ALEXANDRIA UNIVERSITY, FACULTY OF AGRICULTURE, FORESTY &  
WOOD TECHNOLOGY DEPARTMENT

Aflaton str., el Shatby

Alexandria

Tel: 5971960

Fax: 5972780

Telex: 54467 UNIVY UN

Number of graduate staff: 011

Establishment date: 1952

Main research areas: plantations, environment, agroforestry,  
desertification, product development, energy

Director: T.A.Omran

## ESTONIA

## ESTONIAN INSTITUTE OF FOREST RESEARCH AND NATURE

PROTECTION

EE2400 Tartu

Rõõmu tee 2

Tel: 01434-36381/36375

Number of graduate staff: 030

Establishment date: 1969

Main research areas: forest management, soils, ecology,  
conservation, silviculture, tree improvement, forestry, protection,  
inventory, wildlife

Director: Kalle Karoles

## ETHIOPIA

## FORESTRY RESEARCH CENTRE

P.O. Box 30708

Addis Ababa

Tel: 251-1-182982

Fax: 613329

Telex: 21216 FAOA ET

Number of graduate staff: 014

Establishment date: 1975

Main research areas: silviculture, agroforestry, forest  
management, economics

Head of Research: Akiog Laike

**WOOD UTILIZATION AND RESEARCH CENTRE (WUAR)****P.O. Box 2322****Addis Ababa**

Tel: 00251-1-164638/167250

Number of graduate staff: 007

Establishment date: 1978

Main research areas: wood technology, wood processing

Head of Research: Melaku Abegaz

**FIJI****FORESTRY DEPARTMENT, SILVICULTURAL RESEARCH DIVISION****P.O. Box 2218****Suva**

Tel: 322311

Number of graduate staff: 003

Establishment date: 1939

Main research areas: silviculture and management, tree improvement, protection

Principal Silviculturist: L.R. Jiko

**FORESTRY DEPARTMENT, UTILIZATION DIVISION****P.O. Box 2218****Suva**

Tel: 679-393611

Fax: 679-301595

Number of graduate staff: 002

Establishment date: 1968

Main research areas: wood processing

Acting Principal Utilization Officer: Sairusi Bulai

**FINLAND****FINNISH FOREST RESEARCH INSTITUTE****Unioninkatu 40A****SF-00170 Helsinki**

Tel: 3580-857051

Fax: 3580-625308

Telex: 121286

Number of graduate staff: 230

Establishment date: 1918

Main research areas: soils, silviculture, tree improvement, protection, inventory, economics, forestry

Director-General: Elias Pohtila

**FINNISH PULP AND PAPER RESEARCH INSTITUTE (KCL)**

**Tekniikantie 2  
P.O. Box 70  
SF-02151 Espoo**

**Tel: 3580-43711  
Fax: 3580-464305  
Telex: 1001522 KCL SF**

**Number of graduate staff: 100  
Establishment date: 1916  
Main research areas: pulp and paper  
Managing Director: Bo Mannstrom**

**FOUNDATION FOR FOREST TREE BREEDING**

**Viljatie 4 A 5  
SF-00700 Helsinki**

**Tel: 3580-359022  
Fax: 3580-359720**

**Number of graduate staff: 014  
Establishment date: 1947  
Main research areas: tree improvement, genetic resources, nursery  
Managing Director: Antii Isoaho**

**HELSINKI UNIVERSITY OF TECHNOLOGY, DEPARTMENT OF FOREST PRODUCTS TECHNOLOGY**

**Vuorimiehentie 1  
SF-02150 Espoo**

**Tel: 3580-4511  
Fax: 3580-4514259  
Telex: 125 161 HTKK SF**

**Number of graduate staff: 040  
Main research areas: pulp and paper, environment, forest products, wood processing, wood chemistry  
Head of Department: Johan Gullichsen**

**PELLERVO ECONOMIC RESEARCH INSTITUTION**

**Revontulentie 8  
00210 Espoo**

**Tel: 461344  
Fax: 463041**

**Number of graduate staff: 002  
Establishment date: 1979  
Main research areas: forestry, forest policy, economics  
Director: Pertti Kukkonen**

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TECHNICAL RESEARCH CENTRE OF FINLAND (VTT), FOREST  
PRODUCTS LABORATORY  
P.O. Box 207 (Puumiehenkuja 2A)  
SF-02151 Espoo

Tel: 358-0-4561  
Fax: 358-0-467607  
Telex: 122972 VTTHA SF

Number of graduate staff: 045

Establishment date: 1979

Main research areas: wood technology, forest products

Laboratory Director: Tuija Vihamainen

UNIVERSITY OF HELSINKI, DEPARTMENT OF FOREST ECOLOGY

Unioninkatu 40B

00170 Helsinki

Tel: 3580-1911  
Fax: 3580-1917605  
Telex: 125181 HYFOR SF

Number of graduate staff: 025

Establishment date: 1908

Professor: Matti Leikola

UNIVERSITY OF HELSINKI, DEPARTMENT OF FOREST

MENSURATION AND MANAGEMENT

Unioninkatu 40 B

00170 Helsinki

Tel: 3580-1917662  
Fax: 3580-1917755

Number of graduate staff: 008

Establishment date: 1926

Main research areas: inventory, remote sensing

Chairman: Simo Poso

UNIVERSITY OF JOENSUU, FACULTY OF FORESTRY

P.O. Box 111

SF-80101 Joensuu

Tel: 35873-1511  
Fax: 35873-1513590  
Telex: 46183 JOY SF

Number of graduate staff: 040

Establishment date: 1982

Main research areas: silviculture and management, soils, energy, mensuration, economics, forest health, forest management

Dean: Risto Paavinen

**UNIVERSITY OF OULU, OULANKA BIOLOGICAL STATION  
SF-90570 Oulu**

**Tel: 35889-353172**

**Fax: 35889-46119**

**Number of graduate staff: 002**

**Establishment date: 1967**

**Main research areas: ecology, biology, environment**

**Director: Juha Viramo**

**WORK EFFICIENCY INSTITUTE, FORESTRY DEPARTMENT**

**P.O. Box 28**

**SF-00211 Helsinki**

**Tel: 90-6922445**

**Fax: 6922084**

**Number of graduate staff: 011**

**Establishment date: 1942**

**Main research areas: fuelwood, forestry**

**Head of Department: Jouko Makela**

**FRANCE**

**ASSOCIATION FORET CELLULOSE (AFOCEL)**

**164 Boulevard Haussmann**

**75008 Paris**

**Tel: 45624834**

**Fax: 45620498**

**Number of graduate staff: 027**

**Establishment date: 1962**

**Main research areas: biotechnology, tree improvement, plantations, seeds**

**Directeur des Recherches: Claire Hubert**

**ASSOCIATION POUR LA RATIONALISATION ET LA MECANISATION**

**DE L'EXPLOITATION FORESTIERE (ARMEF)**

**30 Boulevard Foch**

**F-77300 Fontainebleau**

**Tel: (331) 64234500**

**Fax: (331) 64228887**

**Number of graduate staff: 010**

**Establishment date: 1965**

**Main research areas: mechanization, forest products**

**Directeur: Hubert Petit**

**CENTRE DE COOPERATION INTERNATIONALE EN RECHERCHE  
AGRONOMIQUE POUR LE DEVELOPPEMENT, FORESTRY  
DEPARTMENT (CIRAD-FORET)**

**45 bis, Avenue de la Belle Gabrielle  
94736 Nogent-sur-Marne Cédex**

**Tel: 331-43944300**

**Fax: 331-43944329**

**Telex: CETEFO 244653 F**

**Cable: CETEFO**

**Number of graduate staff: 120**

**Establishment date: 1950**

**Main research areas: silviculture and management, tree  
improvement, agroforestry, protection, wood technology, wood  
chemistry**

**Directeur: J.M. Dubois**

**CENTRE NATIONAL DU MACHINISME AGRICOLE, DU GENIE RURAL,  
DES EAUX ET DES FORETS (CEMAGREF)**

**Parc de Tourvoie**

**92160 Antony**

**Tel: 40966121**

**Fax: 40966134**

**Telex: 204565 F**

**Number of graduate staff: 030**

**Establishment date: 1981**

**Main research areas: tree improvement, mechanization, ecology,  
forest management, environment**

**Chef de Département Forêts: Jean François Lacaze**

**ECOLE NATIONALE SUPERIEURE DES MINES DE PARIS, CENTRE  
D'ECONOMIE DES RESOURCES NATURELLES**

**60 boulevard St. Michel**

**75272 Paris Cédex 06**

**Tel: 40519173**

**Fax: 44071046**

**Number of graduate staff: 012**

**Main research areas: economics**

**Directeur de Recherche: François Leveque**

**INRA, DEPARTMENT DES RECHERCHES FORESTIERES**

**Avenue Antonio Vivaldi**

**84000 Avignon**

**Tel: 90 89 33 25**

**Fax: 90 89 98 73**

**Tlx: 432870**

**Chef de département: Y. Birot**

**INRA, DEPARTEMENT DES RECHERCHES FORESTIERES  
CENTRE DE RECHERCHES D'AVIGNON  
Avenue Antonio Vivaldi  
84000 Avignon**

Tel: 90 89 33 25  
Fax: 90 89 98 73  
Tlx: 432870

Number of graduate staff: 019

Establishment date:

Main research areas: fire, tree improvement, silviculture,  
ecophysiology, zoology

Directeur:

**INRA, DEPARTEMENT DES RECHERCHES FORESTIERES  
CENTRE DE RECHERCHE DE NANCY  
Champenoux  
54280 Seichamps**

Tel: 83 39 40 55  
Fax: 83 39 40 69  
Tlx: 960458

Number of graduate staff: 059

Establishment date:

Main research areas: silviculture, biometeorology, ecophysiology,  
pathology, wood technology, wood quality, soils, microbiology,  
nutrition, seeds, genetic resources, botany, tree improvement,  
nursery, arboretum

Directeur:

**INRA, DEPARTEMENT DES RECHERCHES FORESTIERES  
CENTRE DE RECHERCHES D'ORLEANS  
Ardon  
45160 Olivet**

Tel: 38 41 78 00  
Fax: 38 41 78 79  
Tlx: 760359

Number of graduate staff: 034

Establishment date:

Main research areas: silviculture, tree improvement, physiology,  
vegetative, propagation, biotechnology, zoology, pathology, pests,  
nursery,

Directeur:

## INRA, DEPARTEMENT DES RECHERCHES FORESTIERES

CENTRE DE RECHERCHES DE BORDEAUX

Domaine de l'Hermitage Pierrotin

33610 Cestas

Tel: 56 68 03 03

Fax: 56 68 02 23

Tlx: 571989

Number of graduate staff: 033

Establishment date:

Main research areas: tree improvement, silviculture, ecophysiology, nutrition, entomologie

Directeur:

## INRA, DEPARTEMENT DES RECHERCHES FORESTIERES

CENTRE DE RECHERCHES ANTILLES-GUYANE

Avenue de France

BP 709

97387 Kourou Cedex

Tel: 594 32 13 10

Fax: 594 32 23 18

Tlx: 910644

Number of graduate staff: 003

Establishment date:

Main research areas: silviculture and management, ecophysiology, tree-improvement

Directeur: R. Huc

## INSTITUT NATIONAL AGRONOMIQUE PARIS-GRIGNON(INA-PG),

CENTRE DE BIOTECHNOLOGIES AGRO-INDUSTRIELLES,

LABORATOIRE DE CHIMIE BIOLOGIQUE (INRA)

Centre de Grignon

78850 Thiverval-Grignon

Tel: 33-1-30815464

Fax: 33-1-30815457

Number of graduate staff: 007

Establishment date: 1875

Main research areas: biotechnology, wood chemistry, biodiversity, eucalyptus, poplar, multi-purpose trees

Directeur de Recherche: Bernard Montres

UNIVERSITE DE NANCY, ECOLE SUPERIEURE DES SCIENCES ET  
TECHNOLOGIES DES INDUSTRIES DU BOIS (ESSTIB)

B.P. 239

54506 Vandoeuvre Les Nancy Cédex

Tel: 33-83-912095

Fax: 33-83-912102

Telex: 960646 F

Number of graduate staff: 015

Establishment date: 1980

Main research areas: mechanization, wood processing, wood  
technology

Directeur: X. Deglise

UNIVERSITE DE NANCY, FACULTE DES SCIENCES, LABORATOIRE  
DE BIOLOGIE DES LEGNEUX

B.P. 239

54506 Vandoeuvre Les Nancy Cédex

Tel: 83-912000

Fax: 83-903277

Telex: 960646 F

Number of graduate staff: 005

Main research areas: symbiotic associations, biotechnology

Professeur: J. Dexheimer

UNIVERSITE PAUL SABATIER, LABORATOIRE BOTANIQUE ET  
FORESTIER

39 allées Jules Guesde

31062 Toulouse Cédex

Tel: 61-530235

Number of graduate staff: 007

Main research areas: pathology, botany

Professeur: Guy Durrieu

GABON

INSTITUT DE RECHERCHES AGRONOMIQUES ET FORESTIERES  
(IRAF)

B.P. 2246

Libreville

Tel: 732565

Number of graduate staff: 009

Establishment date: 1977

Main research areas: agriculture, forestry, silviculture and  
management

Directeur: Jean Bernard Motsinga

## GERMANY

## BAYER. FORSTL. VERSUCHS- UND FORSCHUNGSANSTALT (FVA)

Hohenbacherstr. 20

8050 Freising

Tel: 8161-714881

Fax: 8161-714904

Number of graduate staff: 047

Establishment date: 1979

Main research areas: forestry, seeds, pathology, protection, economics

Director: Robert Holzapfl

## BAYER. LANDESANSTALT FUR FORSTL.SAAT UND PFLANZENZUCHT

Forstamtsplatz 1

D 8221 Teisendorf

Tel: 8666-7611

Fax: 8666-6534

Number of graduate staff: 005

Establishment date: 1964

Main research areas: tree improvement, genetic resources, nursery, seeds

Forstdirektor: Albrecht Behm

## BOSCH AND PARTNER, GMBH

Mooseurach 6

8197 Koenigsdorf

Tel: 8179-1292

Fax: 8179-232

Number of graduate staff: 007

Establishment date: 1986

Main research areas: ecology, soils, landscape architecture, watersheds

Chairmen: Christof Bosch, Johann Köppel

## BUNDESANSTALT FUER MATERIALFORSCHUNG- UND PRUEFUNG

Unter den Eichen 87

D-1000 Berlin 45

Tel: 30-81041

Fax: 30-8112029

Telex: 181261 BAMB D

Number of graduate staff: 850

Establishment date: 1871

Main research areas: wood technology, wood processing, wood chemistry

President: G.W. Becker

**DRESDEN UNIVERSITY OF TECHNOLOGY, FACULTY OF CIVIL  
ENGINEERING, WATER MANAGEMENT AND FORESTRY,  
DEPARTMENT OF FORESTRY  
D-8223 Tharandt**

Tel: 035203-6231  
Fax: 035203-8411  
Telex: 035203-26424

Number of graduate staff: 090

Establishment date: 1811

Main research areas: environment, forest health, ecology, wood technology, soils, physiology, conservation

Head of Department: Otfried Blossfeld

**FACHHOCHSCHULE FUER FORSTWIRTSCHAFT**

**Schadenweilerhof  
D-4507 Rottenburg**

Tel: 7472-8049  
Fax: 7472-42483

Number of graduate staff: 013

Establishment date: 1954

Main research areas: silviculture, economics, forestry

Rektor: Gerhard Schaefer

**FEDERAL RESEARCH CENTRE FOR FORESTRY AND FOREST  
PRODUCTS**

**Leuschnerstrasse 91  
D-2050 Hamburg 80**

Tel: 40-739621  
Fax: 40-73962-480

Number of graduate staff: 057

Establishment date: 1939

Main research areas: forestry, forest products

Director: C. Thoroe

**FEDERAL RESEARCH CENTRE FOR FORESTRY AND FOREST  
PRODUCTS, INSTITUTE OF FOREST GENETICS**

**Siekerlandstrasse 2  
D-2070 Grosshansdorf**

Tel: 494102-61079  
Fax: 494102-62981  
Telex: 403826 BFH

Number of graduate staff: 007

Establishment date: 1948

Main research areas: ecology, genetic resources

Director: Hans-J. Muhs

**FOREST RESEARCH INSTITUTE****6751 Trippstadt****Schloss**

Tel: 6306-8311

Fax: 6306-2821

**Number of graduate staff: 012****Establishment date: 1984****Main research areas: tree improvement, genetic resources, biometeorology, forest health, ecology, forest products, mensuration, silviculture and management, operations research****Director: Axel Roeder****FOREST RESEARCH INSTITUTE BADEN-WUERTTEMBERG****Wonnhaldestrasse 4****D-7800 Freiburg**

Tel: 49761- 40180

Fax: 49761- 4018333

**Number of graduate staff: 040****Establishment date: 1958****Main research areas: silviculture, botany, soils, protection, ecology, economics, harvesting, mensuration, forest health, biometrics****Director of Research: Hans-Ulrich Moosmayer****FORSTLICHE VERSUCHSANSTALT SACHSEN-ANHALT****Behnsdorfer Str. 45****0-3241 Flechtingen**

Tel: 039054-225

Fax: 039054-296

**Number of graduate staff: 006****Establishment date: 1992****Main research areas: protection, landscape architecture, conservation****Director: Ernst Eberhardt****FORSTLICHES FORSCHUNGSIINSTITUT EBERSWALDE****Alfred-Möller-Str. 1****0-1300 Eberswalde-Finow**

Tel: 03334-650

Fax: 03334-65213

**Number of graduate staff: 030****Establishment date: 1992****Main research areas: silviculture, economics, soils, protection, ecology, tree improvement, forest products****Director: Dieter Heinsdorf**

**FORSTLICHES FORSCHUNGSIINSTITUT EBERSWALDE E.V.**

Alfred Moellerstrasse 1  
D-1300 Eberswalde-Finow

Tel: 03334-650  
Fax: 03334-65213  
Telex: 371240

Number of graduate staff: 032

Establishment date: 1992

Main research areas: silviculture, economics, soils, protection, ecology, tree improvement, forest products, forest health, nutrition, wildlife

Director: Dieter Heinsdorf

**HESSIAN FOREST RESEARCH CENTRE (HFV)**

Prof. Oelkerstrasse 6  
3510 Hann. Muenden

Tel: 5541-70040  
Fax: 5541-700473

Number of graduate staff: 013

Establishment date: 1971

Main research areas: tree improvement, protection, hydrology, forest health, genetic resources

**INSTITUT FURR WALDWACHSTUM**

Bertoldstr. 17  
7800 Freiburg

Tel: 0049-761-2033754  
Fax: 0049-761-2034529

Number of graduate staff: 007

Main research areas: forest management, silviculture and management, ecology, mensuration

Director: Heinrich Spiecker

**INSTITUTE OF ECOLOGY, LANDSCAPE DEVELOPMENT AND FOREST PLANNING (LOLF)**

Leibnizstrasse 10  
D-4350 Recklinghausen

Tel: 2361-3051

Number of graduate staff: 004

Establishment date: 1975

Main research areas: forest health, ecology, mensuration

Division Leader: Mr. Schoeller

**KURATORIUM FUER WALDARBEIT UND FORSTTECHNIK****Sprembergerstrasse 1****D-6114 Umstadt**

Tel: 6078-78534

Number of graduate staff: 010

Establishment date: 1962

Main research areas: work safety, harvesting, forestry

Director: Klaus Dummel

**LANDESANSTALT FUR FORSTWIRTSCHAFT NORDHEIN-WESTFALEN****Herbreme 2****D-5760 Arnsberg**

Tel: 02931-1774

Fax: 02931-10022

Number of graduate staff: 005

Establishment date: 1989

Main research areas: silviculture, economics

Director: J. Richter

**LOWER SAXON FORESTRY SEED ADVISORY BOARD****Forstweg 5A****D-3042 Munster-Oerrel**

Tel: 495192-7031

Fax: 495192-6816

Number of graduate staff: 004

Establishment date: 1985

Main research areas: seeds

Director: Carsten Schröder

**LOWER SAXONY FOREST RESEARCH INSTITUE, DEP. OF GROWTH****AND YIELD****Graetzelstr. 2****D3400 Göttingen**

Tel: 49-551-694010

Fax: 49-551-6940160

Number of graduate staff: 008

Establishment date: 1950

Main research areas: silviculture, natural forests, forestry

Forstdirektor Hermann Spellmann

**LOWER SAXONY FOREST RESEARCH INSTITUTE, DEPARTMENT OF  
FOREST TREE BREEDING**

**Forstamtstrasse 6**  
**D-3513 Staufenberg-Escherode**  
Tel: 495543-1037  
Fax: 495543-4664

**Number of graduate staff: 010**

**Establishment date: 1963**

**Main research areas: tree improvement, vegetative propagation,  
genetic resources**

**Director: Jochen Kleinschmit**

**POSTDAM INSITUT FUR KLIMAFOLGENFORSCHUNG (PIK)**

**Telegrafenberg**  
**D-0-1561 Potsdam**  
Tel: 49-331-310435  
Fax: 49331-310548

**Number of graduate staff: 029**

**Establishment date: 1992**

**Main research areas: environment, biometeorology, ecology,  
economics, land-use policy**

**Director: H. J. Schellnhuber**

**SACHSISCHE LANDESANSTALT FUR FORSTEN**

**Bonnewitzer Str. 34**  
**0-8304 Graupa**  
Tel: 03501-48215/17  
Fax: 03501-48236

**Number of graduate staff: 034**

**Establishment date: 1991**

**Main research areas: forestry, ecology, silviculture, pests**

**Director:**

**THURINGER FORSTEINRICHTUNGS- UND VERSUCHSANSTALT**

**Jägerstr. 1**  
**0-5800 Gotha**  
Tel: 03621-2250  
Fax: 03621-225222

**Number of graduate staff: 028**

**Establishment date: 1991**

**Main research areas: silviculture, protection, forest management**

**Director: Joachim Hoffmann**

UNIVERSITY OF FREIBURG, ABTEILUNG FUR FORSTLICHE  
BIOMETRIE  
Werderring 6  
7800 Freiburg

Tel: 49761-2033570  
Fax: 49761-2034229  
Telex: 772740-60 UFD

Number of graduate staff: 007

Establishment date: 1966

Main research areas: inventory, mensuration, biometrics, biodiversity, forest statistics, gis, operations research

Director: D.R. Peitz

UNIVERSITY OF FREIBURG, FORESTRY FACULTY  
Erbprinzenstrasse 13  
7800 Freiburg i. Br.

Tel: 49761-2033155  
Fax: 49761-2033858  
Telex: 772740-60 UF D  
Cable: UNI FREIBURG

Number of graduate staff: 048

Establishment date: 1969

Main research areas: forestry

Dean: G. Oesten

UNIVERSITY OF FREIBURG, INSTITUT FOREST POLICY AND  
REGIONAL PLANNING

Bertoldstrasse 17  
D-7800 Freiburg

Tel: 49761-20313750  
Fax: 49761-20313776

Number of graduate staff: 006

Establishment date: 1935

Main research areas: forest policy, land-use policy, history, conservation, environment, non-wood forest products, protection, social forestry, urban forestry

Director: Erwin Niesslein

UNIVERSITY OF FREIBURG, INSTITUT FUER FORSTBOTANIK UND  
BAUMPHYSIOLOGIE

Bertoldstrasse 17  
D-7800 Freiburg i. Br.

Tel: 49761-2032307  
Fax: 49761-2032308

Number of graduate staff: 020

Establishment date: 1992

Main research areas: botany, pathology, physiology, environment, nutrition, symbiotic associations, urban forestry, vegetative propagation

Director: Siegfried Fink

**UNIVERSITY OF FREIBURG, INSTITUT FUR FORSTBENUTZUNG UND  
FORSTLICHE ARBEITSWISSENSCHAFT**

**Werderring 6  
D-7800 Freiburg**

**Tel: 49761-2033743  
Fax: 49761-2033341**

**Number of graduate staff: 009**

**Main research areas: wood technology, pulp and paper,  
harvesting, work safety**

**Director: R. Grammel**

**UNIVERSITY OF FREIBURG, INSTITUT FUR FORSTEINRICHTUNG UND  
FORSTL. BWL, ABT. LUFTBILDMESSUNG UND FERNERKUNDUNG**

**Werderring 6  
7800 Freiburg i. Br.**

**Tel: 49761-2032404  
Telex: 772740 UF D**

**Number of graduate staff: 008**

**Establishment date: 1968**

**Main research areas: forestry, remote sensing, inventory, gis**

**Chief of Research: Steffen Kuntz**

**UNIVERSITY OF FREIBURG, INSTITUT FUR FORSTEINRICHTUNG UND  
FORSTLICHE BETRIEBWIRTSCHAFT**

**Bertoldstr. 17  
78 Freiburg i. Br.**

**Tel: 0049-761-2033737  
Fax: 0049-761-2033738**

**Number of graduate staff: 009**

**Establishment date: 1920**

**Main research areas: forest management, forest policy, gis, social  
forestry, non-wood forest products, natural forests, operations  
research**

**Director G. Oesten**

**UNIVERSITY OF FREIBURG, INSTITUTE OF SILVICULTURE**

**Bertoldstrasse 17  
D-7800 Freiburg i.Br.**

**Tel: 49761-2033741  
Fax: 49761-2033738**

**Number of graduate staff: 006**

**Establishment date: 1920**

**Main research areas: silviculture, physiology, ecology,  
afforestation, genetic resources, natural forests, plantations**

**Director: Juergen Huss**

**UNIVERSITY OF FREIBURG, INSTITUTE OF SOIL SCIENCE AND  
FOREST NUTRITION**

**Albert-Ludwig University**

**D-7800 Freiburg I. Br.**

**Tel: 0049-761-2033735**

**Fax: 0049-761-2033776**

**Number of graduate staff: 007**

**Main research areas: ecology, eucalyptus, nutrition, plantations,  
soils, watersheds**

**Director: Heinz W. ZÖlt**

**UNIVERSITY OF GOETTINGEN, ABTEILUNG FORSTGENETIK UND  
FORSTPFLANZENZUECHTUNG**

**Buesgenweg 2**

**3400 Goettingen-Weende**

**Tel: 49551-393532**

**Fax: 49551-399629**

**Telex: 96703**

**Number of graduate staff: 003**

**Establishment date: 1966**

**Main research areas: biology, genetic resources**

**Director: H. Hattemer**

**UNIVERSITY OF GOETTINGEN, FORSCHUNGSZENTRUM  
WALDOEKOSYSTEME**

**Habichtsweg 55**

**D-3400 Goettingen**

**Tel: 49551-393512,393501**

**Fax: 49551-399762**

**Telex: 96703 UNIGOE**

**Number of graduate staff: 072**

**Establishment date: 1984**

**Main research areas: ecology**

**Director: B. Ulrich**

**UNIVERSITY OF GOETTINGEN, FORSTWISSENSCHAFTLICHER**

**FACHBEREICH**

**Busgenweg 5**

**D-3400 Gottingen**

**Tel: 49551-393401/02**

**Fax: 49551-399629**

**Telex: 0551/96703 unigoe**

**Number of graduate staff: 032**

**Establishment date: 1868**

**Main research areas: forestry**

**Dean: Caro Becker**

UNIVERSITY OF GOETTINGEN, INSTITUT FUER FORSTEINRICHTUNG  
UND ERTRAGSKUNDE

Buesgenweg 5  
3400 Goettingen

Tel: 49551-393472  
Telex: 96703 UNIGOE

Number of graduate staff: 016

Establishment date: 1929

Main research areas: silviculture and management, inventory,  
mensuration, remote sensing, gis

Director: K. von Gadow

UNIVERSITY OF GOETTINGEN, INSTITUT FUER FORSTOEKONOMIE

Buesgenweg 5  
D-3400 Goettingen

Tel: 49551-393422  
Fax: 49551-399629  
Telex: UNIGOE D 96703

Number of graduate staff: 006

Main research areas: economics, marketing

Director: Volker Berger

UNIVERSITY OF GOETTINGEN, INSTITUT FUER WILDBIOLOGIE UND  
JAGDKUNDE

Buesgenweg 3  
D-3400 Goettingen

Tel: 49551-393621  
Fax: 49551-399629

Number of graduate staff: 006

Establishment date: 1936

Main research areas: wildlife, conservation, protection

Professor: A. Festetic

UNIVERSITY OF GOETTINGEN, INSTITUT OF BIOCLIMATOLOGY

Buesgenweg 1  
D-3400 Goettingen

Number of graduate staff: 008

Establishment date: 1975

Main research areas: ecology, biometeorology, environment,  
biochemistry

Director: Gode Gravenhorst

## UNIVERSITY OF GOETTINGEN, INSTITUTE FUER FORSTZOOLOGIE

Buesgenweg 3  
D-3400 Goettingen

Tel: 49551-393602  
Fax: 49551-399629  
Telex: 96703 UNIGOE

Number of graduate staff: 007

Establishment date: 1870

Main research areas: physiology, ecology, entomology

Acting Director: J. Lunderstadt

## UNIVERSITY OF GOETTINGEN, INSTITUTE OF FOREST UTILIZATION

Buesgenweg 4,  
D-3400 Goettingen

Tel: 49551-393541/42  
Fax: 49551-399629

Number of graduate staff: 007

Establishment date: 1928

Main research areas: silviculture, wood technology, harvesting

Director: Gero Becker

## UNIVERSITY OF GOETTINGEN, INSTITUTE OF SILVICULTURE, DEP.1

Busgenweg 1  
W-3400 Goettingen

Tel: 49551-393672  
Fax: 49551-399629  
Telex: 96703 UNIGOE-D

Number of graduate staff: 005

Main research areas: silviculture, physiology, ecology, forest  
health

Director: H.J. Weidelt

UNIVERSITY OF GOETTINGEN, INSTITUTE OF SILVICULTURE,  
SECTION II: TROPICAL SILVICULTURE AND NATURAL FOREST  
RESEARCH

Buesgenweg 1  
D-3400 Goettingen

Tel: 49551-393651  
Fax: 49551-399629  
Telex: 96703 UNIGOE

Number of graduate staff: 004

Establishment date: 1966

Main research areas: plantations, agroforestry, forest  
management, ecology  
Director: H.J. Weidelt

**UNIVERSITY OF MUNICH, CHAIR FOR FOREST ECONOMICS****Hohenbacherstr. 22****D-8050 Freising**

Tel: 498161-714630

Fax: 498161-714631

**Number of graduate staff: 002****Establishment date: 1882****Main research areas: economics, operations research, marketing****Professor: Michael Timinger****UNIVERSITY OF MUNICH, CHAIR FOR FOREST POLICY AND FOREST****HISTORY****Schellingstrasse 12/II****D-8000 Muenchen 40**

Tel: 89-21803551

Fax: 89-21803748

Telex: 529860 UNIVM D

**Number of graduate staff: 008****Establishment date: 1968****Main research areas: forest policy, history, wildlife, land-use policy****Head: Karl-Reinhard Volz****UNIVERSITY OF MUNICH, CHAIR OF SOIL SCIENCE****Hohenbacherstr. 22****D-8050 Freising****Number of graduate staff: 015****Main research areas: soils, hydrology, nutrition****Professor: Karl-Eugen Rehfuss****UNIVERSITY OF MUNICH, FORSTWISSENSCHAFTLICHE FAKULTAT,****LEHRBEREICH FUR RAUMORDNUNG UND UMWELTRECHT****Hohenbacherstr. 22****D-8050 Freising**

Tel: 498161-714624

Fax: 498161-714623

**Number of graduate staff: 004****Establishment date: 1987****Main research areas: environment, land-use policy, forest policy****Head of Unit: Egon Gundermann**

**UNIVERSITY OF MUNICH, INSTITUTE FOR WOOD RESEARCH**

**Winzererstrasse 45**  
**D-8000 Muenchen 40**

**Tel: 4989-306309/0**  
**Fax: 4989-306309/11**

**Number of graduate staff: 020**

**Establishment date: 1954**

**Main research areas: forest products, wood chemistry, wood technology, product development, wood processing, environment, pathology**

**Director: Horst Schulz**

**UNIVERSITY OF MUNICH, INSTITUTE OF SILVICULTURE AND FOREST MANAGEMENT**

**Hohenbachernstr. 22**  
**D-8050 Freising**

**Tel: 498161-714690**  
**Fax: 498161-714616**

**Number of graduate staff: 011**

**Establishment date: 1878**

**Main research areas: forest management, silviculture and management, environment, biometeorology, livestock management, afforestation, nursery, seeds, silviculture**

**Chairman: Peter Burschel**

**UNIVERSITY OF MUNICH, LEHRSTUHL FUER FORSTBOTANIK**

**Hohenbachernstr. 22**  
**D-8050 Freising**

**Number of graduate staff: 012**

**Main research areas: botany, pathology, physiology**

**Head of Research: P. Schuett**

**UNIVERSITY OF MUNICH, LEHRSTUHL FUER FORSTLICHE ARBEITSWISSENSCHAFT UND ANGEWANDTE FORSTLICHE INFORMATIK**

**Hohenbachernstr. 22**  
**D-8050 Freising**

**Number of graduate staff: 006**

**Establishment date: 1971**

**Main research areas: soils, work safety, forest management, harvesting**

**Director: Hans D. Loeffler**

UNIVERSITY OF MUNICH, LEHRSTUHL FUER LANDSCHAFTSTECHNIK  
Hohenbacherstr. 22  
D-8050 Freising

Number of graduate staff: 010  
Establishment date: 1976  
Main research areas: land-use policy, ecology, protection,  
biotechnology, remote sensing  
Director: U. Ammer

WILHELM KALUDITZ INSTITUT (WKI), WORKING GROUP OF WOOD  
RESEARCH  
Bienroderweg 54 E  
D-3300 Braunschweig  
Tel: 49531-39090  
Fax: 49531-351587  
Telex: 952 942 wkibs d  
Number of graduate staff: 025  
Establishment date: 1946  
Main research areas: wood technology, product development,  
wood processing, wood chemistry  
Director: Rainer Marutzky

#### GHANA

FORESTRY RESEARCH INSTITUTE OF GHANA  
P.O. Box 63  
U.S.T. Kumasi

Number of graduate staff: 042  
Establishment date: 1961  
Main research areas: forestry, forest products  
Director: A. Oforu-Asiedu

#### GREECE

FOREST RESEARCH INSTITUTE OF THESSALONIKI  
570 06 Vassilika  
Thessaloniki  
Tel: 31-461171  
Fax: 31-461341  
Number of graduate staff: 026  
Establishment date: 1961  
Main research areas: silviculture and management, genetic  
resources, soils, protection, livestock management, hydrology,  
landscape architecture, wood technology, ecology  
Director: Lampros Romanas

## GUATEMALA

## DIRECCION GENERAL DE BOSQUES Y VIDA SILVESTRE (DIGEBOS)

7a. Avenida 6-80 Zona 13

Ciudad de Guatemala

Tel: 735209

Fax: 735214

Number of graduate staff: 004

Establishment date: 1988

Main research areas: wildlife, forestry

Jefe Nacional Proyecto Madeleña: Carlos Francisco Fausto Hernández

## HONDURAS

## CENTRO NACIONAL DE INVESTIGACION FORESTAL APLICADA

(CENIFA)

ESNACIFOR

CENIFA - Apartado # 2

Siguatepeque

Tel: 504-732011

Fax: 504-732300

Number of graduate staff: 008

Establishment date: 1984

Main research areas: soils, silviculture and management

Jefe de Investigación: Miguel C. Valdes

## ESCUELA AGRICOLA PANAMERICANA

Apartado 93

Tegucigalpa

Tel: 504-766140, 766150

Fax: 504-765240

Telex: 1567-EAP-ZAM-HO

Number of graduate staff: 001

Establishment date: 1942

Main research areas: silviculture and management, tree improvement, hydrology, wildlife, agriculture

Jefe Programa Forestal: Nelson Agudelo C.

## HUNGARY

## ERDESZETI TUDOMANYOS INTEZET (FOREST RESEARCH

## INSTITUTE)

Frankel Leo U. 42-44

H-1023 Budapest

Tel: 361-1150624

Fax: 361-1151806

Telex: 61-226914

Number of graduate staff: 033

Establishment date: 1949

Main research areas: tree improvement, silviculture and  
management, protection, mechanization, economics, ecology,  
genetic resources

Director-General: Antal Bondor

## UNIVERSITY OF FORESTRY AND WOOD SCIENCES

P.O. Box 132

H-9401 Sopron

Tel: 3699-11100

Fax: 3699-11103

Telex: 61-249126

Number of graduate staff: 115

Establishment date: 1735

Main research areas: silviculture and management, wood  
technology, harvesting, wildlife, botany, environment, pulp and  
paper, land-use  
policy, forest products

Associate Rector: Csaba Matyas

## INDIA

## ASSOCIATION FOR WASTELANDS DEVELOPMENT

A-51 Pandara Road

New Delhi 3

Tel: 91-11-384372

Number of graduate staff: 003

Establishment date: 1986

Main research areas: agroforestry, social forestry, ecology,  
environment

Head of Research: D.P. Yadav

**BAIF DEVELOPMENT RESEARCH FOUNDATION**

'Kamdhenu', Sanapati Bapat Road  
Pune 411 016

Tel: 91212/342621  
Fax: 91212/670859  
Telex: 01457283  
Cable: BAIFON

Number of graduate staff: 025

Establishment date: 1967

Main research areas: economics, forestry, afforestation,  
agroforestry, natural forests, silviculture and management

President: Manibhai Desai

**DR. YASHWANT SINGH PARMAR UNIVERSITY OF HORTICULTURE AND  
FORESTRY**

P.O. Nauni  
Solan 173230

Tel: 0091 1792 2288  
CABLE: VANUDYAN

Number of graduate staff: 417

Establishment date: 1985

Main research areas: agroforestry, entomology, forest products,  
genetic resources, horticulture, multi-purpose trees, pathology,  
poplar, soils, tree improvement

Vice-Chancellor: B.R. Sharma

**INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION (ICFRE)**

P.O. New Forest  
Dehra Dun 248006

Tel: 0135-23452  
0135-23548  
Fax: 0135-23258  
Telex: 595-258

Director-General: D.N. Tewari

**INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION, ARID  
FORESTRY RESEARCH INSTITUTE**

16/507, Nandanvan  
Chopasni Housing Board  
Jodhpur 342 008

Tel: 91-29126034  
Fax: 0291-26034  
Cable: VANKI DIRECTOR

Number of graduate staff: 100

Establishment date: 1988

Main research areas: desertification, afforestation, silviculture  
and management, tree improvement, protection, social forestry  
Director: A.P. Dwivedi

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
FOREST RESRACH INSTITUTE  
P.O. New Forest  
Dehra Dun 248006

Establishment date: 1906  
Director: N.K. Joshi

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
INSTITUTE OF FOREST GENETICS AND TREE BREEDING  
P.B. No. 1061  
R. S. Puram  
Coimbatore PIN 641 002

Tel: 91-0422-041540/42541  
Fax: 91-0422-40549  
Telex: VANAVRIKSHA, Coimbatore

Number of graduate staff: 064

Main research areas: tree improvement, biotechnology, seeds, agroforestry, silviculture, protection, economics, botany

Director: K. N. Subramanian

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
INSTITUTE OF RAIN AND MOIST DECIDUOUS FORESTS  
RESEARCH  
NA-ALI  
Jorhat 785 001  
Assam

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY  
Malleswaram, P.O.  
Bangalore-560 003

Tel: 0091-812-341731/346811  
Fax: 0091-812-340529

Number of graduate staff: 060

Main research areas: wood technology, non-wood forest products, tree improvement, silviculture and management, nursery, pathology, pests, entomology, forest products, biodiversity, soils

Director: V. V. Srinivasan

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
TROPICAL FOREST RESEARCH INSTITUTE  
P.O. Regional Forest Research Centre  
Mandla Road  
Jabalpur 482021  
Director:

**INDIAN PLYWOOD INDUSTRIES RESEARCH INSTITUTE**

P.B. No. 2273, Tumkur Road

Bangalore 560 022

Tel: 91812-394341/394231

Fax: 91812-396361

Telex: 0845-5065 IPIRI IN

Cable: IPIRI BAGALORE

Number of graduate staff: 047

Establishment date: 1962

Main research areas: wood technology, wood processing, product development, engineering, forest products, non-wood forest products

Director: P.M. Ganapathy

**KARNATAKA FOREST DEPARTMENT, FOREST RESEARCH AND****UTILIZATION CIRCLE**

3rd Floor, Aranya Bhavana

18th cross, Mallewaram

Bangalore 560 030

Karnataka

Tel: 91812/565250-345593

Fax: 91812-344593

Telex: 2900

Number of graduate staff: 050

Establishment date: 1950

Main research areas: afforestation, tree improvement, wildlife, seeds, fire, biodiversity, mensuration, nursery, silviculture and management, silviculture, social forestry, vegetative propagation

Conservator of Forests: S. N. Rai

**KERALA FOREST RESEARCH INSTITUTE**

Peechi 680 653

Trichur, Kerala

Tel: 91487-22375

Telex: 887275 KFRI IN

Cable: KEFORINST

Number of graduate staff: 110

Establishment date: 1975

Main research areas: forestry, wood technology, wildlife, agroforestry, ecology, conservation

Director: Chand Basha

**MALAWARMAN UNIVERSITY, FACULTY OF FORESTRY**

Campus Gunung Kelua

P.O. Box 13/1227

Samarinda, East Kalimantan

Tel: 541-21118 x.300

Fax: 541-35379

Number of graduate staff: 065

Establishment date: 1963

Main research areas: forestry, forest products

Dean: Soeyitno Soedirman

**IRAN****PLANT PESTS & DISEASES RESEARCH INSTITUTE**

P.O. Box 1454

19395 Tehran

Tel: 21-293012/16

Number of graduate staff: 002

Establishment date: 1962

Main research areas: protection, pests, pathology

Chief of Research: B. Parsi

**RESEARCH INSTITUTE OF FORESTS & RANGELAND**

P.O. Box 13185-116

Tehran

Tel: 21/943123/944198

Fax: 21/944199

Number of graduate staff: 146

Establishment date: 1968

Main research areas: forestry, livestock management, botany, watersheds, desertification, pulp and paper, physiology, protection, non-wood forest products

Head of Research: A.A. Maassoumi

**UNIVERSITY OF TEHRAN, COLLEGE OF NATURAL RESOURCES**

Karadj

Tel: 0261-23044/6

Fax: 0261-8007988

Number of graduate staff: 027

Establishment date: 1966

Main research areas: seeds, afforestation, environment, conservation, silviculture, agroforestry, social forestry, nursery, ecology, wood technology

## IRELAND

## COILTE TEO., RESEARCH DIVISION

Sidmorton Place

Bray, Co. Wicklow

Tel: 2867751

Number of graduate staff: 008

Establishment date: 1959

Main research areas: protection, silviculture, tree improvement, environment, wood technology, natural forests

Research Manager: Gerard Murphy

## EOLAS - THE IRISH SCIENCE &amp; TECHNOLOGY AGENCY

Glasnevin

Dublin 9

Tel: 353-1-370101

Fax: 353-1-379620

Number of graduate staff: 009

Establishment date: 1962

Main research areas: wood technology, biotechnology, forestry

Head of Timber Research & Consultancy: P. Colclough

## ISRAEL

## AGRICULTURAL RESEARCH ORGANIZATION, DEPARTMENT OF AGRONOMY AND NATURAL RESOURCES, VOLCANI CENTER

P.O. Box 6

Bet Dagan 50-250

Tel: 972-9683484

Fax: 972-9683492

Telex: 381476 AROVC IL

Number of graduate staff: 004

Establishment date: 1928

Main research areas: silviculture, agriculture, tree improvement, fire, physiology

Deputy Director for Research (Forestry): G. Schiller

## ITALY

## ACCADEMIA ITALIANA DI SCIENZE FORESTALI

Piazza Edison, 11

50133 Firenze

Tel: 3955-570348

Fax: 3955-575724

Number of graduate staff: 009

Establishment date: 1951

Main research areas: silviculture and management

Presidente dell'Accademia: Fiorenzo Mancini

**CENTRO DI DOCUMENTAZIONE PER IL COMMERCIO****INTERNAZIONALE DEL LEGNO (CIL)****c/o Area di Ricerca****Padriciano, 99****34012 Trieste****Tel: 3940-398975/398976****Fax: 3940-398981****Number of graduate staff: 004****Establishment date: 1967****Main research areas: forest health, forest products****Director: Roberto Jodice****CENTRO DI SPERIMENTAZIONE AGRICOLA E FORESTALE (CSAF)****Casella Postale 9079****I-00100 Roma-Aurelio****Tel: 396-6960241****Fax: 396-6963703****Number of graduate staff: 027****Establishment date: 1953****Main research areas: pulp and paper, tree improvement, plantations, protection, agroforestry, environment, economics, wood quality, pests, pathology, harvesting****Director: Gianfranco Lapietra****CONSIGLIO NAZIONALE DELLE RICERCHE, ISTITUTO PER LA RICERCA SUL LEGNO****Via Barazzuoli 23****50136 Firenze****Tel: 3955-661750****Fax: 3955-670624****Telex: 572458 ILFI I****Number of graduate staff: 010****Establishment date: 1954****Main research areas: forest products, wood technology****Director: Sanzio Baldini****CSIL SCRL, CENTRO STUDI INDUSTRIA LEGGERA****Via Gesu, 17****I-20121 Milano****Tel: 392-76021648/796630****Fax: 392-780703****Number of graduate staff: 010****Establishment date: 1980****Main research areas: forest products, economics, product development****Chief of Research: Massimo Florio**

**INSTITUTE OF AGRICULTURAL CHEMISTRY AND FORESTRY**

Piazza San Francesco, 4  
Gallina 89061 (Reggio Calabria)  
Tel: 3965-682558  
Fax: 3965-682616  
Number of graduate staff: 004  
Establishment date: 1986  
Main research areas: agriculture, soils  
Director: Giovanni Cacco

**ISTITUTO DI ECOLOGIA E IDROLOGIA FORESTALE**

Via a. Volt  
106/C  
Tel: 3984-837323  
Fax: 3984-838625  
Number of graduate staff: 010  
Establishment date: 1981  
Main research areas: ecology, hydrology, soils

**ISTITUTO DI INGEGNERIA AGRARIA**

Via Celoria, 2  
20133 Milano  
Tel: 392-2367625  
Fax: 392-26680322  
Telex: UNIMI - I - 320484  
Number of graduate staff: 017  
Establishment date: 1921  
Main research areas: agriculture, land-use policy, energy  
Director: Giuseppe Pellizzi

**ISTITUTO DI Sperimentazione per la Piopercultura (SAF)**

Strada per Frassineto 35  
15033 Casale Monferrato (AL)  
Tel: 39142-454654  
Fax: 39142-55580  
Number of graduate staff: 016  
Establishment date: 1939  
Main research areas: poplar, tree improvement, plantations, protection, economics, silviculture, weeds, wood quality, mensuration  
Research Director: Gianfranco Lapietra

**ISTITUTO PER IL MIGLIORAMENTO GENETICO DELLE PIANTE FORESTALI**

**Via San Bonaventura, 13  
50145 Firenze**

**Tel: 3955-311069  
Fax: 3955-319413**

**Number of graduate staff: 009**

**Establishment date: 1983**

**Main research areas: physiology, tree improvement,  
biotechnology, genetic resources**

**Director: Raffaello Giannini**

**ISTITUTO PER L'AGROSELVICOLTURA (CNR)**

**Viale Marconi, 2  
05010 Porano (TR)**

**Tel: 39763-65122/65076  
Fax: 39763-65330**

**Number of graduate staff: 008**

**Establishment date: 1983**

**Main research areas: agriculture, agroforestry, genetic resources,  
physiology, silviculture**

**Director: Francesco Cannata**

**ISTITUTO PER LA TECNOLOGIA DEL LEGNO**

**Via Biasi, 57**

**38010 S. Michele all'Adige (TN)**

**Tel: 39461-650168  
Fax: 39461-659045  
Telex: 400453 ILSMA**

**Number of graduate staff: 008**

**Establishment date: 1981**

**Main research areas: wood technology, wood processing,  
economics, harvesting**

**Director: Paolo Pedrotti**

**ISTITUTO PER LE PIANTE DA LEGNO E L'AMBIENTE (IPLA) S.P.A.**

**Corso Casale 476**

**10132 Torino**

**Tel: 8998933  
Fax: 8989333**

**Number of graduate staff: 017**

**Establishment date: 1979**

**Main research areas: silviculture, forest products, mapping,  
pathology, soils, energy, inventory**

**Director: Mario Palenzona**

**ISTITUTO SPERIMENTALE PER L'ASSESTAMENTO FORESTALE E  
PER L'ALPICOLTURA**  
Via U. Giordano, 8  
38050 Villazzano (TN)

Tel: 39461-924248  
Fax: 39461-915651

Number of graduate staff: 008

Establishment date: 1967

Main research areas: forest management, non-wood forest products, biometrics

Director: Massimo Bianchi

**ISTITUTO SPERIMENTALE PER LA SELVICOLTURA**

Viale Santa Margherita 80  
52100 Arezzo

Tel: 39575-353021  
Fax: 39575) 353490

Number of graduate staff: 021

Establishment date: 1922

Main research areas: ecology, silviculture, afforestation, genetic resources

Director: Riccardo Morandini

**ITALECO SPA**

Via Carlo Pesenti 109  
00156 Rome

Tel: 396-439971  
Fax: 396-4512948  
Telex: 625291 itaeco 1

Number of graduate staff: 008

Establishment date: 1972

Main research areas: remote sensing, gis, fire, mapping, natural forests

Chief of Research: M. Marchetti

**RESEARCH STATION FOR AGRICULTURE AND FORESTRY**

LAIMBURG  
39040 Ora (Bolzano)

Tel: 39471-960009  
Fax: 39471-960016

Number of graduate staff: 010

Establishment date: 1975

Main research areas: agriculture, forestry

Director: Hermann Mantinger

**RICERCA ECONOMICA STATISTICA SERVIZI (RESS)****Via Assisi, 163****00181 Roma**

Tel: 396-780511

Fax: 396-7843894

**Number of graduate staff: 005****Establishment date: 1979****Main research areas: forest products, economics, statistics****Managing Director: Sergio Marangoni****STAZIONE SPERIMENTALE AGRARIA E FORESTALE DI S. MICHELE****ALL'ADIGE (TN)****Via Mach, 1****S. Michele all'Adige (TN)**

Tel: 39461-650107/650167

Fax: 39461-650956

**Number of graduate staff: 012****Establishment date: 1963****Main research areas: agriculture, ecology, biometeorology, hydrology****Head of Research: Marco Zorzi****UNIVERSITA DEGLI STUDI DELLA TUSCIA, DIPARTIMENTO DI SCIENZE DELL'AMBIENTE FORESTALE E DELLE SUE RISORSE****Via San Camillo de Lellis****01100 Viterbo**

Tel: 39761-257403

Fax: 39761-257389

Telex: 614076 TUSVIT

**Number of graduate staff: 021****Establishment date: 1990****Main research areas: ecology, physiology, silviculture, wood technology****Director: Ermanno Giordano****UNIVERSITA DEGLI STUDI DI BARI, ISTITUTO DI CHIMICA AGRARIA****Via G. Amendola, 156/A****70126 Bari**

Tel: 3955-242851

Fax: 3955-242813

**Number of graduate staff: 010****Establishment date: 1925****Main research areas: soils, ecology, environment****Chief of Research: Vito Marino Radogna**

**UNIVERSITA DEGLI STUDI DI FIRENZE, FACOLTA DI AGRARIA,  
DIPARTIMENTO DI SCIENZA DEL SUOLO E NUTRIZIONE DELLE  
PIANTE**

**Piazzale delle Cascine, 15  
I-50144 Firenze**

**Tel: 3955-330491**

**Fax: 3955-321148/333273**

**Number of graduate staff: 022**

**Establishment date: 1987**

**Main research areas: mapping**

**Director: Guido Sanesi**

**UNIVERSITA DEGLI STUDI DI FIRENZE, ISTITUTO DI ASSESTAMENTO  
E TECNOLOGIA FORESTALE**

**Via S. Bonaventura, 13  
50145 Firenze**

**Tel: 3955-311304/315512**

**Fax: 3955-319179**

**Number of graduate staff: 009**

**Establishment date: 1930**

**Main research areas: ecology, harvesting, wood technology,  
forest management, forest products, mensuration, inventory,  
land-use policy, engineering**

**Director: Giovanni Ippoliti**

**UNIVERSITA DEGLI STUDI DI FIRENZE, ISTITUTO DI SELVICOLTURA**

**Via S. Bonaventura, 13  
50145 Firenze**

**Tel: 3955-375147**

**Number of graduate staff: 015**

**Establishment date: 1936**

**Main research areas: ecology, silviculture, genetic resources,  
fire, agroforestry**

**Director:**

**UNIVERSITA DEGLI STUDI DI PARMA, ISTITUTO DI ECONOMIA**

**AGRARIA E FORESTALE**

**Via Kennedy 6  
43100 Parma**

**Tel: 39521-205413/4/5**

**Telex: 39521-205498**

**Number of graduate staff: 003**

**Establishment date: 1960**

**Main research areas: forest products, environment, forest  
management**

**Chief: Alberto Benassi**

UNIVERSITA DI FIRENZE, ISTITUTO DI PATOLOGIA E ZOOLOGIA  
FORESTALE, CENTRO PER LA PATOLOGIA DELLE PIANTE  
LEGNOSE MONTANE

Facoltà di Agraria  
Piazzale delle Cascine 28  
50144 Firenze

Tel: 3955-360546  
Fax: 3955-354786

Number of graduate staff: 006

Establishment date: 1972

Main research areas: forestry, pathology, nursery

Director: Francesco Moriondo

UNIVERSITA DI PADOVA, DIPARTIMENTO TERRITORIO E SISTEMI  
AGRO-FORESTALI, SEZIONE RISORSE IDRICHE E DIFESA DEL  
SUOLO

Via Gradenigo, 6  
35131 Padova

Tel: 3949-8071955  
Fax: 3949-8070615  
Cable: AGRAOS UNIPAD. UNIPD.IT

Number of graduate staff: 007

Establishment date: 1967

Main research areas: hydrology, forestry, watersheds, soils,  
silviculture, forest management, forest policy, mechanization,  
forest products, land-use policy

Director: Michele Cera

UNIVERSITA OF CASSINO, FACULTY OF ECONOMICS AND  
COMMERCE

Via Mazzaroppi  
103043 Cassino

Tel: 39776-311617  
Fax: 39776-310892

Number of graduate staff: 003

Main research areas: forest products, afforestation, forest policy,  
economics, environment

Director: Massimo Sabbatini

## JAPAN

## FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE (FFPRI)

Matsurosato Kukizaki, Ibaraki

Ibaraki Prov. 305

Tel: 001-0298-733211

Fax: 001-0298-743720

Number of graduate staff: 500

Establishment date: 1905

Main research areas: afforestation, biology, biotechnology, forest management, environment, forest products, soils, ecology, genetic resources, remote sensing, seeds

Director-General: Masaki Katuda

## FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE,

## TOHOKU RESEARCH CENTRE

72, Nabeyashiki, Shimo-kuriyagawa, Morioka-shi

Iwate, 020-01

Tel: 081-0196-41-2150

Fax: 081-0196-41-6747

Number of graduate staff: 027

Establishment date: 1930

Main research areas: forestry, natural forests, ecology, silviculture, soils, conservation, forest management, remote sensing

Director: Osamu Sasaki

## HOKKAIDO FOREST PRODUCTS RESEARCH INSTITUTE

1-10 Nishikagura

Asahikawa, Hokkaido 071-01

Tel: 166-754233

Fax: 166-753621

Number of graduate staff: 066

Establishment date: 1950

Main research areas: wood technology, product development, forest products

Chief: Koshio Nakagawa

## HOKKAIDO FORESTRY RESEARCH INSTITUTE

Koshunai

Bibai, Hokkaido 079-01

Tel: 1266-34164

Fax: 1266-34166

Number of graduate staff: 045

Establishment date: 1957

Main research areas: forestry

Director-General: Shigeo Yamauchi

**HYOGO PREFECTURAL FOREST EXPERIMENT STATION**

Ikaba, Yamasaki-cho  
Shiso-gun, Hyogo-ken

Tel: 790-622118  
Fax: 790-629390

Number of graduate staff: 015

Establishment date: 1934

Main research areas: silviculture, tree improvement, protection, non-wood forest products, conservation

Director: Yasushi Sakaguchi

**IBARAKI PREFECTURAL FOREST EXPERIMENT STATION**

4, 692 Toh, Naka-machi  
Naka-gun, Ibaraki 311-01

Tel: 292-980257  
Fax: 292-951325

Number of graduate staff: 011

Establishment date: 1955

Main research areas: tree improvement, silviculture and management, pests, non-wood forest products

Head of Station: Tadashi Kanekawa

**ISHIKAWA FOREST EXPERIMENT STATION**

Sannomiya, Isurugi-machi  
Ishikawa-gun, Ishikawa-ken

Tel: 7619-20673  
Fax: 7619-20812

Number of graduate staff: 009

Establishment date: 1962

Main research areas: forestry

Director: Tsuneo Yamamoto

**IWATE UNIVERSITY, DEPARTMENT OF FORESTRY**

3-18-8 Veda  
Morioka, Iwate

Tel: 196-235171  
Fax: 196-257667

Number of graduate staff: 020

Establishment date: 1902

Main research areas: forestry, forest products

Director:

**JAPAN FOREST TECHNICAL ASSOCIATION**

7, Rokubancho  
Chiyoda-ku,

Tel: 813-32613866  
Fax: 813-32616849  
Telex: 02323315 (KOSCO J)

Number of graduate staff: 080

Establishment date: 1921

Main research areas: remote sensing, watersheds, land-use policy

President: Ikuo Suzuki

**JAPAN WILDLIFE RESEARCH CENTRE**

Yusima 2-29-3  
Bunkyo-ku, Tokyo 113

Tel: 813-38138806  
Fax: 813-38138958

Number of graduate staff: 030

Establishment date: 1978

Main research areas: wildlife

Director of Research: Taisitiroo Satoo

**KYOTO UNIVERSITY, FACULTY OF AGRICULTURE, DEPARTMENT OF  
WOOD SCIENCE AND TECHNOLOGY**

Kitashirakawa Oiwake-cho  
Sakyo-ku, Kyoto 606-01

Tel: 8175-7536230  
Fax: 8175-7536300

Number of graduate staff: 023

Establishment date: 1965

Main research areas: wood technology, wood processing, wood chemistry

Dean: Kazutake Kyuma

**KYOTO UNIVERSITY, WOOD RESEARCH INSTITUTE**

Gokasho  
Uji, Kyoto 611

Tel: 81774-323111 x.2502  
Fax: 81774-333049  
Telex: 5453 638 UCLKU J

Number of graduate staff: 027

Establishment date: 1944

Main research areas: wood technology, wood chemistry, chemical products, product development, energy, environment, engineering, biotechnology, charcoal, fire, forest products

Director: Hikaru Sasaki

**MATERIALS SCIENCE AND TECHNOLOGY OF NATURAL PRODUCTS****1060 Nishi, Kawatsu-cho****Matsue Shimane 690**

Tel: 852-217100

Fax: 852-277005

**Number of graduate staff: 007****Establishment date: 1965****Main research areas: wood technology****Chief of Research:****IMITSUBISHI KASEI CORPORATION RESEARCH CENTRE,****AGRICULTURAL CHEMICALS LABORATORY****1000 Kamoshida-cho****Midori-ku, Yokohama 227**

Tel: 45-9633510

Fax: 45-9633897

**Number of graduate staff: 040****Establishment date: 1950****Main research areas: protection, biology, physiology****Director: Setsnosuke Ueda****NAGASAKI AGRICULTURAL AND FORESTRY EXPERIMENT STATION****3118 Aizu-machi****Isahaya-shi, Nagasaki 854**

Tel: 81957-263330

Fax: 81957-269197

**Number of graduate staff: 006****Establishment date: 1961****Main research areas: conservation, protection, wood technology, forest health, non-wood forest products****Director: Tsuyoshi Tasaki****NAGOYA UNIVERSITY, SCHOOL OF AGRICULTURE , DEPARTMENT****OF FORESTRY****Chikusa-ku, Nagoya 464-01**

Tel: 52-7815111

Fax: 52-7814447

Telex: 4422120 ANUNAG J

**Number of graduate staff: 015****Establishment date: 1951****Main research areas: silviculture and management, watersheds, protection****Professor: Noboru Morioka**

**NIIGATA PREFECTURAL FOREST EXPERIMENT STATION****2249-5 Unotoro, Asahi-mura****Iwafune-gun, Niigata 958**

Tel: 254-721171

Fax: 254-720019

**Number of graduate staff: 010****Establishment date: 1952****Main research areas: forestry, biotechnology, ecology, entomology, environment, genetic resources, non-wood forest products, nursery, protection, silviculture and management****Chief: Mesao Noomote****NIIGATA UNIVERSITY, FACULTY OF AGRICULTURE, DEPARTMENT OF FORESTRY****8050 Igarachi 2 nochō****Niigata City 950-21**

Tel: 25-2626630

Fax: 25-2631659

**Number of graduate staff: 013****Establishment date: 1979****Main research areas: silviculture and management, mensuration, wood chemistry, watersheds****Chief: Jiro Endo****OKAYAMA FOREST EXPERIMENT STATION****Uetsukinaka 1001, Shouou-chou****Katsuta-gun, Okayama 709-13**

Tel: 868-383151

Fax: 868-383152

**Number of graduate staff: 007****Establishment date: 1952****Main research areas: protection, ecology, silviculture, tree improvement, landscape architecture, non-wood forest products****Director: Shigeyuki Andou****OSAKA PREFECTURAL AGRICULTURAL AND FORESTRY RESEARCH CENTRE (OAFRC)****442 Shakudo****Habikino-shi, Osaka 583**

Tel: 729-586551

Fax: 729-569691

**Number of graduate staff: 061****Establishment date: 1963****Main research areas: agriculture, forestry, ecology, forest policy****Director: Takao Hirano**

**SHIGA FOREST RESEARCH CENTRE****Kitasakura 978-95****Yasu, Shiga 520-23**

Tel: 775-872655

Fax: 775-876527

**Number of graduate staff: 004****Establishment date: 1966****Main research areas: tree improvement, protection, non-wood forest products****Director: Yotsugi Nishimura****SHINSHU UNIVERSITY, FACULTY OF AGRICULTURE, DEPARTMENT****OF FOREST SCIENCE****8304 Minamiminowa****Kamina, Nagano 399-45**

Tel: 265-725255

Fax: 265-725259

**Number of graduate staff: 025****Establishment date: 1948****Main research areas: conservation, forest products****Director of Forest Research: Seigo Ito****SIZUOKA PREFECTURE FORESTRY AND FOREST PRODUCTS****RESEARCH INSTITUTE****2543-8 Negata****Hamakita 434**

Tel: 539-253121

Fax: 539-261275

**Number of graduate staff: 017****Establishment date: 1957****Main research areas: forestry, forest products****Director: Harumitsu Maejima****UNIVERSITY OF TOKYO, FACULTY OF AGRICULTURE, DEPARTMENT****OF FOREST PRODUCTS****1-1-1 Yayoi****Bunkyo-ku, Tokyo 113**

Tel: 813-38122111

Fax: 813-56840299

**Number of graduate staff: 022****Establishment date: 1956****Main research areas: silviculture and management, botany, wildlife, forest policy, forest products, hydrology, landscape architecture****Director: Takeshi Okano**

**UNIVERSITY OF TOKYO, FACULTY OF AGRICULTURE, DEPARTMENT  
OF FORESTRY**

**1-1 Yayoi**

**Bunkyo-ku, Tokyo 113**

**Tel: 813-38122111 x.5200**

**Fax: 813-56893845**

**Number of graduate staff: 031**

**Establishment date: 1890**

**Main research areas: wood technology, wood chemistry, pulp and  
paper, watersheds**

**Head: Kazuo Suzuki**

**UNIVERSITY OF TSUKAUBA, COLLEGE OF AGRICULTURE AND  
FORESTRY**

**1-1-1 Tennodai**

**Tsukuba-shi, Ibaraki-ken 305**

**Tel: 298-532111**

**Fax: 298-534761**

**Number of graduate staff: 018**

**Establishment date: 1973**

**Main research areas: silviculture and management, forest policy,  
forest products, watersheds, wood technology, chemical products**

**Dean: Atsushi Tada**

**UTSUNOMIYA UNIVERSITY, FACULTY OF AGRICULTURE,  
DEPARTMENT OF FOREST SCIENCE**

**350 Minemachi**

**Utsunomiya 321, Tochigi**

**Tel: 286-361515**

**Fax: 286-354662**

**Number of graduate staff: 014**

**Establishment date: 1991**

**Main research areas: silviculture and management, ecology,  
forest policy, forest products, economics, watersheds**

**Chief: Y. Suzuki**

## KENYA

## INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY

(ICRAF)  
P.O. Box 30677  
Nairobi

Tel: 2542-521450  
Fax: 2542-521001  
Telex: 22048 ICRAF  
Cable: ICRAF

Number of graduate staff: 060

Establishment date: 1978

Main research areas: agroforestry, multi-purpose trees, forest policy, land-use policy

Director: Peter Cooper

## KENYA FORESTRY RESEARCH INSTITUTE, FORESTRY SEED

CENTRE  
P.O. Box 20412  
Nairobi

Tel: 25414-32891,2  
Fax: 25414-32844

Number of graduate staff: 005

Establishment date: 1985

Main research areas: seeds

Director: Jeff Odera

## MOI UNIVERSITY, DEPARTMENT OF FORESTRY

P.O. Box 3900  
Eldoret

Tel: 321-63111/43620  
Fax: 321-43047  
Telex: MOIVARSITY 35047

Number of graduate staff: 015

Establishment date: 1985

Main research areas: economics, harvesting, pathology, tree improvement, mensuration, silviculture and management

Head of Department: Harrison Ochieng Kojwang

## KOREA, REPUBLIC OF

## FORESTRY RESEARCH INSTITUTE

207 Chongyangni-dong, Tongdaemun-gu  
Seoul 130-012

Tel: 2-96125225  
Fax: 2-9675101

Number of graduate staff: 186

Establishment date: 1945

Director-General: Jae Myeung Jo

## SEOUL NATIONAL UNIVERSITY, DEPARTMENT OF FORESTRY

Suwon

Kyonggido 441-744

Tel: 331-2902320

Fax: 331-2931797

Number of graduate staff: 008

Establishment date: 1945

Main research areas: silviculture and management, ecology, economics, watersheds, botany

Chairman: Jung Oh Hyun

## LAOS

DEPARTMENT DES FORETS, DIVISION NATIONALE DE LA  
CONSERVATION DE LA NATURE ET DES BASSINS VERSANTS

P.O. Box 2932

Vientiane

Tel: 3807

5539

Chef Principal de la Division: Vongkamchandr Phouy

## LATVIA

## INSTITUTE OF WOOD CHEMISTRY

Dzerbenes iela 27

Riga 6-LV-1006

Tel: 7-0132-553063/558945

Fax: 7-0132-0555983

Number of graduate staff: 170

Establishment date: 1946

Main research areas: biotechnology, chemical products, product development, protection, pulp and paper, wood chemistry, wood processing, wood technology

Director Uldis Viesturs

## LESOTHO

## FORESTRY RESEARCH, FORESTRY DIVISION

P.O. Box 776

Maseru 100

Tel: 322826

Fax: 310349

Telex: 4414 SADCC LO

Number of graduate staff: 003

Establishment date: 1985

Main research areas: tree improvement, seeds, silviculture, mensuration, social forestry, environment, forestry

Forestry Research Officer: Nchomo Maile

**LITHUANIA****LITHUANIAN FOREST RESEARCH INSTITUTE**

Girionys, Kaunas Region  
4312

Tel: 0127-744460  
Fax: 0127-547446

Number of graduate staff: 035

Establishment date: 1950

Main research areas: ecology, economics, environment, forestry, inventory, protection, silviculture, soils, wildlife

Director: Albertas Vasiliauskas

**LUXEMBOURG****CENTRE D'ETUDES DE POPULATIONS, DE PAUVRETE ET DE  
POLITIQUES SOCIO-ECONOMIQUES (CEPS/INSTED)**

B.P. 65

L-7201 Walferdange

Tel: 352-333233/1  
Fax: 352-332705

Number of graduate staff: 026

Establishment date: 1982

Main research areas: forestry, land-use policy, environment, economics

Président: G. Schaber

**MADAGASCAR****CENTRE NATIONAL DE LA RECHERCHE APPLIQUEE AU  
DEVELOPPEMENT RURAL**

B.P. 1690  
Antananarivo 101

Tel: 25676

Number of graduate staff: 121

Establishment date: 1974

Main research areas: tree improvement, silviculture, soils, wood technology, wildlife, agriculture, pathology

Directeur Général: François Rasolo

**MALAWI****ENERGY STUDIES UNIT**

P.O. Box 30452

Lilongwe 3

Tel: 265-722755

Fax: 265-784268

Telex: 44465 FORENAR MI

Number of graduate staff: 003

Establishment date: 1980

Main research areas: energy, economics, charcoal, fuelwood

Senior Energy Officer: Lewis B. Mhango

**FOREST RESEARCH INSTITUTE OF MALAWI**

P.O. Box 270

Zomba

Tel: 265-522866 x.548

Fax: 265-522

Telex: 43533

Number of graduate staff: 010

Establishment date: 1957

Main research areas: silviculture, tree improvement, protection, soils, wood technology, seeds

Assistant Chief Forestry Officer: L.A. Sitaubi

**MALAYSIA****DEPARTMENT OF FORESTRY SABAH, FOREST RESEARCH CENTRE**

P.O. Box 1407

90008 Sandakan, Sabah

Tel: 6089-531322

Fax: 6089-531068

Telex: MA 82016

Number of graduate staff: 015

Establishment date: 1974

Main research areas: natural forests, plantations, forest products, botany, ecology, entomology, hydrology, pathology, silviculture, vegetative propagation

Senior Research Officer: Lee, Ying Fah

**DEPARTMENT OF FORESTRY SARAWAK, FOREST RESEARCH CENTRE**

93660 Kuching, Sarawak

Tel: 6082-442180

Fax: 6082-441377

Cable: FORESTRY

Number of graduate staff: 011

Establishment date: 1951

Main research areas: silviculture, agroforestry, botany, soils, protection, ecology

Assistant Director: H.S. Lee

**DEPARTMENT OF FORESTRY SARAWAK, SILVICULTURE RESEARCH****OFFICE****Alan Road****96000 Sibu Sarawak**

Tel: 6804-311637

Fax: 6804-310542

Cable: SRO FORESTRY

**Number of graduate staff: 001****Establishment date: 1965****Main research areas: silviculture, natural forests, plantations, vegetative propagation****Forest Silviculture: Ernest O.K. Chai****DEPARTMENT OF FORESTRY SARAWAK, TIMBER RESEARCH AND TECHNICAL TRAINING CENTRE****93660 Kuching Sarawak**

Tel: 6082-612211

Fax: 6082-612490

**Number of graduate staff: 007****Establishment date: 1968****Main research areas: forest products, pulp and paper, wood chemistry, wood processing, wood technology****Assistant Director: John S K. Cheng****FOREST RESEARCH INSTITUTE MALAYSIA****Kepong****52109 Kuala Lumpur**

Tel: 603-6342633

Fax: 603-6367753

Telex: FRIM-MA-27007

**Number of graduate staff: 105****Establishment date: 1929****Main research areas: natural forests, plantations, environment, protection, wood technology, product development, non-wood forest products****Director-General: M.N. Salleh****UNIVERSITI PERTANIAN MALAYSIA, FACULTY OF FORESTRY****43400 UPM****Serdang**

Tel: 603-9486101

Fax: 603-9483745

Telex: MA 37454 UNIPER

**Number of graduate staff: 032****Establishment date: 1971****Main research areas: forest management, forest products, urban forestry, natural forests, plantations****Dean: Nik Muhamad Nik Majid**

**MALI****INSTITUT D'ECONOMIE RURALE (IER)**

Tel: 223-222606

Fax: 223-227637

Number of graduate staff: 202

Establishment date: 1991

Main research areas: agriculture, forestry, environment, hydrology, land-use policy

Directeur General: Mamadou Goita

**MAURITIUS****MINISTRY OF AGRICULTURE, FISHERIES AND NATURAL RESOURCES, FORESTRY SERVICE**

Botanical Garden Street

Curepipe

Tel: 6754966

Number of graduate staff: 003

Main research areas: forestry, ecology

Conservator of Forests: A.W. Owadally

**MEXICO****CENTRO DE INVESTIGACION REGIONAL DEL SURESTE. INSTITUTO NACIONAL DE INVESTIGACIONES FORESTALES Y**

AGROPECUARIAS (SARH)

calle 62, 462 x 55 Depto.209

Mérida

Yucatán CP. 97000

Tel: 99-286652

Fax: 99-239303

Number of graduate staff: 023

Establishment date: 1985

Main research areas: forest management, plantations, tree improvement, plantations, seeds, agroforestry

Regional Director: Fernando Patiño Valera

**CENTRO DE INVESTIGACIONES ECOLOGICAS DEL SURESTE Y  
CONSORCIO PARA LA CONSERVACION DE RECURSOS  
NATURALES**  
Carretera Panamericana  
Apartado Postal 63  
292090 San Cristóbal de las Casas  
Chiapas

Tel: 919611-81883/81884  
Fax: 919611-82322

Number of graduate staff: 003

Establishment date: 1974

Main research areas: ecology, conservation, agriculture, silviculture, biodiversity, environment, forestry, GIS, horticulture

Director: Pablo Farias Campero

**CENTRO DE INVESTIGACIONES FORESTALES, AGRICOLAS Y  
PECUARIAS DE LA REGION CENTRAL**  
Apartado Postal 10  
Chapingo

Tel: 595-42877 x.144  
Fax: 595-42188

Number of graduate staff: 016

Establishment date: 1932

Main research areas: forest management, plantations, soils, forest products, marketing, agroforestry

Director: Rodrigo Aveldaño Salazar

**COLEGIO DE POSTGRADUADOS, PROGRAMA ACADEMICO  
INTERDISCIPLINARIO FORESTAL**  
km. 35.5 Carretera México-Texcoco  
Montecillo

Tel: 91595-45265  
Fax: 91595-45723

Number of graduate staff: 016

Establishment date: 1959

Main research areas: silviculture and management, genetic resources, economics, physiology

Vocal Ejecutivo: Santiago Daniel Sánchez Avila

**INSTITUTO DE BIOLOGIA, UNAM**

Circuito Exterior, C.U.

Deleg. Gogocan

México D.F. 04510

Tel: 525-6225710

Fax: 5488207

Number of graduate staff: 155

Establishment date: 1929

Main research areas: biodiversity, botany, conservation, ecology, entomology, genetic resources, GIS, natural forests, seeds, wildlife

Director: Antonio Lot Helgueras

**INSTITUTO DE ECOLOGIA, A.C.**

Apartado Postal 63

km 2.5 Antigua Carretera a Coatepec

91000 Xalapa, Veracruz

Tel: 91281-86000

Fax: 91281-86910

Telex: 015542 INRBME

Number of graduate staff: 070

Establishment date: 1975

Main research areas: ecology, wildlife, conservation, biotechnology, soils, biometeorology, wood technology, arboreta

Director General: Gonzalo Halffter S.

**INSTITUTO NACIONAL DE INVESTIGACIONES FORESTALES Y**

AGROPECUARIAS

Insurgentes Sur 694

Col. del Valle

C.P. 03100

Mexico D.F.

Tel: 6877474

Fax: 5363842

Number of graduate staff: 200

Establishment date: 1952

Main research areas: forest management, agroforestry, product development

Vocal de la Division Forestal: Hugo Manzanilla

**LABORATORIO DE CIENCIA Y TECNOLOGIA DE LA MADERA**

(LACITEMA)

Apartado Postal 459

C.P. 91000 Xalapa

Veracruz

Tel: 52281-63275

Fax: 52281-63275

Number of graduate staff: 003

Establishment date: 1989

Main research areas: wood technology

Director General: Ramón Echenique-Manrique

**SARH, CENTRO DE EDUCACION Y CAPACITACION FORESTAL N°1****Avenida Revolución 2****Col. Emiliano Zapata****Tel: 91452-43483/40851****Establishment date: 1953****Main research areas: forest management, product development****Director: Héctor Manuel Armendáriz Payán****UNIVERSIDAD AUTONOMA AGRARIA "ANTONIO NARRO",****DEPARTAMENTO FORESTAL****C.P. 25315****Buenavista, Saltillo****Coahuila****Tel: 91841-73022****Fax: 91841-73063****Telex: 381128 CIZAME****Number of graduate staff: 011****Establishment date: 1979****Main research areas: seeds, nursery, plantations, non-wood forest products, genetic resources, protection, wildlife****Director de Investigación: Jorge González Domínguez****UNIVERSIDAD AUTOTONOMA DE NUEVO LEON, FACULTAD DE****CIENCIAS FORESTALES****Apartado Postal 41****C.P. 67 700 Linares, N.L.****Tel: 91821-24895****Fax: 91821-24505****Telex: 382989 UANLME****Number of graduate staff: 027****Establishment date: 1983****Main research areas: forest products, agroforestry, ecology, wood technology, wildlife, botany, protection****Director: José Alanis Flores****UNIVERSIDAD DE GUADALAJARA, INSTITUTO DE MADERA,****CELULOSA Y PAPEL "ING. KARL AUGUSTIN GRELLMANN"****Apartado Postal 4-120****Guadalajara****Jal. 44000****Tel: 9136-137659/137660****Fax: 9136-137661****Telex: 0681744****Number of graduate staff: 030****Establishment date: 1974****Main research areas: silviculture, soils, protection, ecology, nursery, symbiotic associations, inventory, biotechnology, pulp and paper, wood technology****Director: Felipe de J. Ramirez Cano**

**UNIVERSIDAD NACIONAL AUTONOMA, INSTITUTO DE BIOLOGIA**

**Ciudad Universitaria  
Delegación de Coyoacan  
04510 Mexico, D.F.**

**Tel: 91821-5505002  
Fax: 91821-5488207**

**Number of graduate staff: 148**

**Establishment date: 1929**

**Main research areas: biology, biotechnology, pathology, ecology, conservation, protection**

**Director: Antonio Lot Helgueras**

**MOROCCO****DIVISION DE RECHERCHES ET D'EXPERIMENTATIONS**

**FORESTIERES (DREF)  
Charia Omar Ibn Al Khattab  
B.P. 763  
Rabat-Agdal**

**Tel: 2127-770547  
Fax: 212-7-773830  
Telex: 36992 M**

**Number of graduate staff: 025**

**Establishment date: 1934**

**Main research areas: silviculture and management, tree improvement, protection, wildlife, livestock management, forestry**

**Directeur de la DREF: Omar M'Hirit**

**MYANMAR****FOREST RESEARCH INSTITUTE**

**Yezin  
Pyinmana**

**Number of graduate staff:**

**Establishment date: 1978**

**Main research areas:**

**Director:**

**NAMIBIA****DIRECTORATE OF FORESTRY**

P.B. 13184

Windhoek

Tel: 61-221478

Fax: 61-222830

Number of graduate staff: 002

Establishment date: 1991

Main research areas: agroforestry, fire, silviculture and  
management, tree improvement, protection

Deputy Director (Research): M.A.N. Muller

**NEPAL****DEPARTMENT OF FORESTRY AND PLANT RESEARCH, FOREST****RESEARCH DIVISION**

P.O. Box 3339

Babar Mahal, Kathmandu

Tel: 9771-220479

Fax: 9771-411789

Telex: 2343 BRITEM NP

Number of graduate staff: 015

Establishment date: 1964

Main research areas: silviculture and management, soils, social  
forestry, natural forests, plantations, agroforestry, multi-purpose  
trees, nursery, non-wood forest products

Deputy Director-General: Kedar Prasad Prajapati

**INSTITUTE OF AGRICULTURE AND ANIMAL SCIENCE**

Rampur

Chitwan, Narayani Zone

Tel: 56-21211

Number of graduate staff: 004

Establishment date: 1972

Main research areas: agroforestry, social forestry, nursery

Director: Fanindra Prasal Neapane

## NETHERLANDS

BUILDING AND CONSTRUCTION RESEARCH CENTRE/CENTRE FOR  
TIMBER RESEARCH (TNO)

P.O. Box 49

2600 AA Delft

Tel: 3115-842000

Fax: 3115-843990

Number of graduate staff: 010

Establishment date: 1932

Main research areas: wood technology, wood chemistry, product  
development

Director: J. Witteveen

## DELFIT UNIVERSITY OF TECHNOLOGY, FACULTY OF CIVIL

## ENGINEERING, STEVIN LABORATORY

P.O. Box 5048

2600 GA Delft

Tel: 3115-781837

Fax: 3115-611465

Telex: 38151 BUTUD NL

Number of graduate staff: 008

Establishment date: 1864

Main research areas: product development

Professor: T.A.C.M. van der Put

## FOUNDATION FOR FOREST AND FOREST PRODUCTS

P.O. Box 253

6700 AG Wageningen

Tel: 318370-24666

Fax: 318370-10247

Number of graduate staff: 004

Establishment date: 1965

Main research areas: forest policy, economics, forest products,  
marketing

Director: J.M. Dielen

## INSTITUTE FOR FORESTRY AND NATURE RESEARCH (DHO)

P.O. Box 23

6700 AA Wageningen

Tel: 8370-95111

Fax: 8370-24988

Telex: 45055 DORSK NL

Number of graduate staff: 076

Establishment date: 1947

Main research areas: forestry, natural forests

Chief: A.B.J. Sepus

INTERNATIONAL INSTITUTE FOR AEROSPACE SURVEY AND EARTH  
SCIENCE (ITC)  
P.O. Box 6  
7500 AA Enschede

Tel: 53-874444  
Fax: 53-874400  
Telex: 44525 ITC NL  
Cable: AERSUR

Number of graduate staff: 200

Establishment date: 1951

Main research areas: conservation, remote sensing, gis

Research Coordinator for Conservation of Tropical Rain Forests:

W. van Wyngaarden

RIJKSHERBARIUM/HORTUS BOTANICUS

P.O. Box 9514  
2300 RA Leiden

Tel: 3171-273515  
Fax: 3171-273511  
Telex: 39427 BURUL NL

Number of graduate staff: 026

Establishment date: 1829

Main research areas: botany, horticulture

Scientific Director: P. Baas

RIJKSWATERSTAAT, DIRECTORATE FLEVOLAND

P.O. Box 600  
8200 AP Lelystad

Tel: 3200-99111  
Fax: 3200-34300

Number of graduate staff: 015

Establishment date: 1989

Main research areas: ecology, soils, hydrology, agriculture,  
remote sensing

Head of Research Department: K.S. Geitsma

TROPENBOS FOUNDATION

P.O. Box 232  
6700 AE Wageningen

Tel: 318370-26262  
Fax: 318370-23024

Number of graduate staff: 003

Establishment date: 1988

Main research areas: biodiversity, ecology, forest management,  
forestry, gis, hydrology, land-use policy, non-wood forest  
products, soils, vegetative propagation

Director: E.M. Lammerts Van Bueren

UNIVERSITY OF GRONINGEN, DEPARTMENT OF PHYSICAL  
GEOGRAPHY

Kerklaan 30  
9751 NN Haren

Tel: 3150-636133  
Fax: 3150-635205  
Telex: 53410 RUGRO NL

Number of graduate staff: 008

Establishment date: 1975

Main research areas: hydrology, biometeorology

Head of Department: A.W.L. Veen

WAGENINGEN AGRICULTURAL UNIVERSITY, DEPARTMENT OF  
FORESTRY

P.O. Box 342  
6700 AH Wageningen

Tel: 318370-84426  
Fax: 318370-83542  
Telex: 45015 BLUWG NL

Number of graduate staff: 045

Establishment date: 1883

Main research areas: ecology, silviculture and management, soils,  
wood technology, forest policy

Professors: A. van Maaren and R.A.A. Oldeman

NEW CALEDONIA

CENTRE DE NOUVELLE-CALEDONIE, CENTRE TECHNIQUE  
FORESTIER TROPICAL

B.P. 10.001  
Nouméa

Tel: 687-274855/284105  
Fax: 687-284927

Number of graduate staff: 002

Establishment date: 1972

Main research areas: silviculture and management, tree  
improvement, afforestation

Directeur: M. Loïc Cremière

## NEW ZEALAND

## NZ FOREST RESEARCH INSTITUTE Ltd

Private Bag 3020

Rotorua

Tel: 64-7-3745899

Fax: 64-7-3479380

Number of graduate staff: 200

Establishment date: 1947

Main research areas: silviculture and management, economics, protection, ecology, forest products, pulp and paper, wood technology, harvesting, mensuration

Chief Director: Frank Wood

## UNIVERSITY OF CANTERBURY, SCHOOL OF FORESTRY

Private Bag

Christchurch

Tel: 3-642127

Fax: 3-642124

Number of graduate staff: 030

Establishment date: 1970

Main research areas: wood technology, forestry

Head, School of Forestry: G.B. Sweet

## NIGER

## DEPARTEMENT DES RECHERCHES FORESTIERES (INRAN)

B.P. 429

Niamey

Tel: 722714/722729

Fax: 724956

Telex: 5481 NY

Number of graduate staff: 002

Establishment date: 1975

Main research areas: tree improvement, agroforestry, forest management

General Director: Mamadou Ouhara

## INTERNATIONAL CROPS RESEARCH INSTITUTE FOR THE SEMI-ARID

TROPICS (ICRISAT), CENTRE SAHELien

B.P. 12404

Niamey

Tel: 227/722725

Fax: 227/734329

Telex: 5406

Number of graduate staff: 024

Establishment date: 1981

Main research areas: agroforestry

Directeur Exécutif: C. Renard

## NIGERIA

## BAYERO UNIVERSITY, GEOGRAPHY DEPARTMENT

PMB 3011

Kano

Cable: Unibayero, Kano

Number of graduate staff: 013

Establishment date: 1973

Main research areas: fuelwood, land-use policy

Head of Department: E.A.Olofin

## FORESTRY RESEARCH INSTITUTE OF NIGERIA

Forestry Hill

PMB 5054

Ibadan

Tel: 22-414441/414073

Telex: 31207

Cable: FORSEARCH

Number of graduate staff: 065

Establishment date: 1954

Main research areas: agroforestry, wildlife, forest products, forestry

Director: Philip R.O. Kio

UNIVERSITY OF IBADAN, DEPARTMENT OF AGRICULTURAL  
ENGINEERING, WOOD PRODUCTS ENGINEERING UNIT  
Ibadan

Tel: 22-405500

Number of graduate staff: 003

Establishment date: 1948

Main research areas: chemical products, wood technology, energy, pulp and paper

Head of Department: F.O. Abooba

USMAN DANFONYO UNIVERSITY, FACULTY OF AGRICULTURE,  
DEPARTMENT OF FORESTRY AND FISHERIES

Tel: 60-232058

Telex: 73134 UDUSOK

Cable: UDUSOKOTO

Number of graduate staff: 005

Establishment date: 1980

Main research areas: silviculture, forestry

Head of Department: A.M. Awodola

## NORWAY

## AGRICULTURAL UNIVERSITY OF NORWAY, DEPARTMENT OF

FORESTRY

P.O. Box 5044

N-1430 Ås

Tel: 47-64948880

Fax: 47-64948890

Telex: 77125 NLHBI

Number of graduate staff: 025

Establishment date: 1898

Main research areas: silviculture and management, wood technology, harvesting, economics

Head of Department: Asbjørn Svendsrud

## NORSK TRETEKNICK INSTITUTT

Forskningsveien 3B

0314 Oslo

Tel: 2-965500

Fax: 2-804291

Number of graduate staff: 017

Establishment date: 1949

Main research areas: wood technology, wood processing

Research Director: Rolf Birkeland

## NORWEGIAN FOREST RESEARCH INSTITUTE

Høgskoleveien 12

N-1432 Ås

Tel: 9-949000

Fax: 9-942980

Number of graduate staff: 050

Establishment date: 1917

Main research areas: ecology, silviculture, protection, harvesting, wood technology, economics

Director: Hans-Olav Moen

## NORWEGIAN PULP AND PAPER RESEARCH INSTITUTE

P.O. Box 115 Vinderen

0319 Oslo 3

Tel: 472-140090

Fax: 472-468014

Telex: 78171

Number of graduate staff: 018

Establishment date: 1923

Main research areas: pulp and paper

Managing Director: Kristen Frøtheim

## PAKISTAN

## ATOMIC ENERGY AGRICULTURAL RESEARCH CENTRE

Tando Jam

Tel: 221-40468,40478

Cable: AGRATOM

Number of graduate staff: 060

Establishment date: 1963

Main research areas: silviculture, forest health, tree improvement, soils, entomology

Director: A.R. Azmi

## NUCLEAR INSTITUTE FOR AGRICULTURE AND BIOLOGY (NIAB)

P.O. Box 128

Jhang Road

Faisalabad 38000

Tel: 92-0411-619726/30

Telex: 43356 NIAB PK

Cable: NIAB

Number of graduate staff: 101

Establishment date: 1972

Main research areas: agriculture, entomology, soils, ecology, environment, hydrology, pathology, physiology, nutrition, pests

Director: S.H. Mujtaba Naqvi

## PAKISTAN FOREST INSTITUTE

Tel: 0521-40580

Fax: 0521-42457

Telex: PAKFI

Number of graduate staff: 068

Establishment date: 1947

Main research areas: forestry, forest products

Director-General: K.M. Siddiqui

## PANAMA

## INSTITUTO NACIONAL DE RECURSOS, NATURALES RENOVABLES

(INRENARE)

Paraiso - ANCON- apartado #2016

Panama

Tel: 32-4870,4518

Fax: 32-4975

Cable: 32-4377

Number of graduate staff: 005

Establishment date: 1986

Main research areas: protection, agroforestry, forest products, seeds, tree improvement

Jefe del Proyecto: Daisy Gonzales

PAPUA NEW GUINEA

FOREST RESEARCH INSTITUTE

P.O. Box 314

Lae

Tel: 675-424188

Fax: 675-424357

Number of graduate staff: 025

Establishment date: 1989

Main research areas: forest management, forest products, protection, botany

Director: P.B.L. Srivastava

PARAGUAY

INSTITUTO NACIONAL DE TECNOLOGIA Y NORMALIZACION (INTN)

Avenida General Artigas y General Roa

C.C. 967

Asunción

Tel: 290160/290516

Fax: 290873

Telex: 22910

Cable: INTN

Number of graduate staff: 003

Establishment date: 1963

Main research areas: entomology, charcoal, forest products, fuelwood, wood processing, wood technology

Director General: Sergio Guarani von Horoch

PERU

INSTITUTO DE INVESTIGACIONES DE LA AMAZONIA PERUANA (IIAP)

Avenida Abelardo Quiñonez km 2.5

Tel: 51094-232915/231579

Fax: 51094-235527

Telex: 91085 PE-IIAPIQ

Number of graduate staff: 080

Establishment date: 1980

Main research areas: soils, wildlife, genetic resources, economics, hydrology, biology

President: Roger Benzeville Zumaeta

**INSTITUTO NACIONAL DE INVESTIGACION AGRARIA Y****AGROINDUSTRIAL (INIAA)****Avenida La Universidad S/N****La Molina, Lima 12**

Tel: 5114-350141

Fax: 5114-361283

**Number of graduate staff: 016****Establishment date: 1978****Main research areas: silviculture and management, genetic resources, conservation, wood processing, wood technology, silviculture, plantations, agroforestry, wildlife****Director General: Humberto Tasaico****PHILIPPINES****CENTRAL MINDANAO UNIVERSITY, COLLEGE OF FORESTRY****University Town****Musuan, Bukidnon****Number of graduate staff: 023****Establishment date: 1963****Main research areas: agroforestry, multi-purpose trees, silviculture****Dean, College of Forestry: Amado M. Exile, Jr.****VISAYAS STATE COLLEGE OF AGRICULTURE, DEPARTMENT OF FORESTRY****Visca, Babay****Leyte Tel: 632-5212027/99867****Fax: 632-588692****Number of graduate staff: 011****Establishment date: 1974****Main research areas: agroforestry, afforestation, biodiversity conservation, multi-purpose trees, ecology, silviculture and management, watersheds, forestry****President: Marianto R. Villanueva****ECOSYSTEMS RESEARCH AND DEVELOPMENT BUREAU (ERDB)****Los Baños****College, Laguna 4031****Tel: 6394-3221/3481****Fax: 6394-3628****Number of graduate staff: 131****Establishment date: 1974****Main research areas: natural forests, forest management, forestry, fuelwood, non-wood forest products, plantations, protection, social forestry, watersheds, wildlife****Director: Carlos C. Tomboc**

**FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE****College, Laguna 4031**

Tel: 2360/2377

Telex: PARRS PM 40860

**Number of graduate staff: 190****Establishment date: 1954****Main research areas: wood technology, pulp and paper, chemical products, product development, marketing****Director: Emmanuel D. Bell****GEOBION SPECIALISTS ASSOCIATION, INC****Malacampa, Camiling****c/o L.T. Salvador****Tarlac 2306****Number of graduate staff: 015****Main research areas: agroforestry, environment, forest management, inventory, land-use policy, multi-purpose trees, plantations, watersheds****President: Luzon T. Salvador****ISABELA STATE UNIVERSITY, COLLEGE OF FORESTRY****Garita Heights****Cabagan, Isabela****Number of graduate staff: 035****Establishment date: 1978****Main research areas: fuelwood, multi-purpose trees, environment, agroforestry, silviculture, forest management****Dean: Roger Z. Guzman****PAPER INDUSTRIES CORPORATION OF THE PHILIPPINES, FOREST RESEARCH DEPARTMENT****Tabon****Bislig, Surigao del Sur**

Tel: 632-62511

Fax: 632-8175423

Telex: 24733

**Number of graduate staff: 016****Establishment date: 1978****Main research areas: silviculture, soils, tree improvement, economics, protection, biometrics****Manager: Antonio V. Glori**

**TARLAC COLLEGE OF AGRICULTURE (TCA), INSTITUTE OF FORESTRY AND ENVIRONMENTAL STUDIES**  
Camiling, Tarlac 2306

Tel: 216

Number of graduate staff: 018

Establishment date: 1978

Main research areas: afforestation, agroforestry, social forestry, soils, watersheds, forest policy

Director of Research and Development: Rosita Mendoza

**UNIVERSITY OF EASTERN PHILIPPINES**

University Town, Northern Samar  
Catarman 6400

Number of graduate staff: 004

Establishment date: 1964

Main research areas: agroforestry, social forestry, conservation; horticulture, ecology, silviculture and management, nursery, non-wood forest products

Director of Research: Perfecto N. Dipon

**UNIVERSITY OF THE PHILIPPINES AT LOS BANOS, COLLEGE OF FORESTRY**

College, Laguna 4031

Tel: 6394-3206

Fax: 6394-3206

Telex: 4163 PTTLB PU

Number of graduate staff: 090

Establishment date: 1910

Main research areas: biology, silviculture and management, social forestry, wood technology

Chief of Research: Portia G. Lapitan

**POLAND**

**AGRICULTURAL UNIVERSITY OF KRAKOW, DEPARTMENT OF FOREST AND WOOD UTILIZATION**

ul. 29-Lipostada 46  
31-425 Kraków

Tel: 119144 x.582

Fax: 336235

Telex: 322469 AR PL

Number of graduate staff: 020

Establishment date: 1963

Main research areas: harvesting, work safety, wood technology, wood processing, chemical products

Head of Department: Zenon Muszynski

**AGRICULTURAL UNIVERSITY OF KRAKOW, FACULTY OF FORESTRY****al. 29 Listopada 46****31-425 Krakow**

Tel: 04812-119144

Fax: 04812-336245

Telex: 322469 AR PL

**Number of graduate staff: 082****Establishment date: 1945****Main research areas: natural forests, forest health, forestry****Dean: Stefan Kowalski****AGRICULTURAL UNIVERSITY OF POZNAN, FACULTY OF FORESTRY****ul. Wojska Polskiego 28****60637 Poznan**

Tel: 4861-224581 x.128

Fax: 4861-411022/44125

Telex: 0413322 ARpl

**Number of graduate staff: 075****Main research areas: botany, mensuration, economics, entomology, pathology, soils, wildlife, silviculture, engineering, mechanization, protection****Dean: Boguslaw Frizinski****AGRICULTURAL UNIVERSITY OF POZNAN, FACULTY OF WOOD TECHNOLOGY****ul. Wojska Polskiego 38/42****60637 Poznan**

Tel: 4861-224581 x.123

Fax: 4861-411022/44125

Telex: 0413322

**Number of graduate staff: 102****Establishment date: 1951****Main research areas: economics, wood technology, engineering, wood processing, work safety, wood chemistry****Dean: Wlodzimierz Pradzynski****DEPARTMENT OF FOREST UTILIZATION AND ENGINEERING****26/30 Rakowiecka Street****02-528 Warsaw**

Tel: 497074

Telex: 814790 SGGW PL

**Number of graduate staff: 036****Establishment date: 1920****Main research areas: forest products, work safety, harvesting****Chairman of Department: Zbigniew Laurow**

**POLISH ACADEMY OF SCIENCE, INSTITUTE OF DENDROLOGY**

ul. Parkowa 5  
62-035 Kornik

Tel: 4861-170033/170049  
Fax: 4861-170166

Number of graduate staff: 046

Establishment date: 1933

Main research areas: botany, physiology, tree improvement, ecology, seeds, forest health, arboreta, environment, genetic resources, vegetative propagation

Director: Wladyслав Bugala

**RESEARCH AND DEVELOPMENT CENTRE FOR WOOD-BASED****PANELS**

ul. Mickiewicza 10  
83-262 Czarna Woda

Tel: 8216  
Fax: 8716  
Telex: 0512470 OBR CW PL

Number of graduate staff: 020

Establishment date: 1974

Main research areas: wood technology, wood processing, environment, product development, forest products, work safety, engineering

Director-General: Piotr Ferens

**THE FOREST RESEARCH INSTITUTE**

ul. Bitwy Warszawskiej 1920 r. Nr 3  
00-973 Warsaw

Tel: 4822-224932  
Fax: 4822-224935  
Telex: 812476

Number of graduate staff: 246

Establishment date: 1930

Main research areas: silviculture, environment, economics, protection, wildlife, hydrology, mechanization, non-wood forest products, biodiversity, forest health

Director-General: Andrzej Kloczek

**WARSAW AGRICULTURAL UNIVERSITY, FACULTY OF FORESTRY**

ul. Rakowiecka 26/30  
02-528 Warsaw

Tel: 4822-491179  
Fax: 4822-491375  
Telex: 814790 SGGW PL

Number of graduate staff: 058

Establishment date: 1816

Main research areas: forestry

Dean: Andrzej Grzywacz

**WOOD TECHNOLOGY INSTITUTE**

ul. Winiarska 1  
60-654 Poznan

Tel: 4861-224081

Fax: 4861-224372

Telex: 0413505

Number of graduate staff: 070

Establishment date: 1952

Main research areas: wood technology, wood chemistry, wood processing, economics, product development, conservation, engineering, environment, marketing, mechanization

Director-General: E. Urbanik

**PORUGAL****CELULOSE BEIRA INDUSTRIAL (CELB) S.A.**

Quinta do Furadouro  
2510 Obidos

Tel: 35162-969124

Fax: 35162-969345

Number of graduate staff: 008

Establishment date: 1984

Main research areas: entomology, vegetative propagation, tree improvement

Chief of Research: Paul P. Cotterill

**CENTRO DE ESTUDOS DE TECNOLOGIA FLORESTAL**

Tapada da Ajuda  
1300 Lisboa

Tel: 1-3634662

Number of graduate staff: 005

Establishment date: 1948

Main research areas: wood technology, wood chemistry, afforestation, multi-purpose trees

Director: Raul Manuel de Albuquerque Sardinha

**DEPARTAMENTO DE ENGENHARIA FLORESTAL OF INSTITUTO**

**SUPERIOR DE AGRONOMIA**

Tapada da Ajuda  
1399 Lisboa Codex

Tel: 3511-3634667

Fax: 3511-3645000

Telex: 44700 ISATEL P

Number of graduate staff: 008

Establishment date: 1917

Main research areas: silviculture and management, mensuration, gis, wood technology, pulp and paper

Head of Department: Joao Santos Pereira

NATIONAL FOREST RESEARCH STATION, ESTACAO FLORESTAL  
NACIONAL

Tapada das Necessidades  
Rua do Borja, 2  
1300 Lisboa

Tel: 1-601661  
Fax: 1-3973163

Number of graduate staff: 047

Establishment date: 1977

Main research areas: silviculture and management, protection,  
economics, forest policy, forest products

Director: Raul Manuel de Albuquerque Sardinha

NATIONAL FOREST RESEARCH STATION, FOREST PRODUCTS  
TECHNOLOGY DEPARTMENT

Candido dos Reis, 56  
P-2460 Alcobaça

Tel: 35162-42315  
Fax: 35162-596221

Number of graduate staff: 004

Establishment date: 1978

Main research areas: forest products, wood technology, chemical  
products, wood chemistry

Chief of Research: Albino de Carvalho

PORTEUCEL, EMPRESA DE CELULOSE E PAPEL DE PORTUGAL S.A.

Av. Joao Crisóstomo 52-1<sup>o</sup>  
1000 Lisboa

Tel: 576020  
Fax: 576599

Number of graduate staff: 008

Establishment date: 1986

Main research areas: vegetative propagation, ecology, protection,  
tree improvement, eucalyptus, symbiotic associations

Chief of Research: Fernando A.C. Conceição Couceiro

SOPORCEL, SOCIEDAD PORTUGUESA DE CELULOSA, S.A.

Quinta da Torre Bela  
P.O. Box 15  
2065 Alcoentre

Tel: 63-44305  
Fax: 63-44289

Number of graduate staff: 009

Establishment date: 1986

Main research areas: tree improvement, protection, physiology,  
pulp and paper, environment

Chief of Research: Cristina Marques de Almeida

**PUERTO RICO****USDA FOREST SERVICE, INSTITUTE OF TROPICAL FORESTRY****Call Box 25,000****Rio Piedras, PR 00928-2500****Tel: 809-7665335****Fax: 809-2506924****Number of graduate staff: 016****Establishment date: 1939****Main research areas: silviculture and management, watersheds, wildlife****Director: Ariel E. Lugo****ROMANIA****FOREST RESEARCH AND MANAGEMENT INSTITUTE****Bucuresti****sector 2, code 72904 OF.P. 11****Soseaua Stefanesti No. 128****Tel: 04-6556845****Number of graduate staff: 440****Main research areas: biometrics, ecology, economics, forest management, genetic resources, mechanization, mensuration, plantations, silviculture, soils****Director: Ioan Seceleanu****UNIVERSITY "TRANSILVANIA" OF BRASOV, FACULTY OF****SILVICULTURE****B-dul. Eroilor nr. 29****2200 Brasov****Tel: 4092-41580****Fax: 4092-50274****Number of graduate staff: 003****Establishment date: 1948****Main research areas: remote sensing****Pro-rector of University: Florin Andreescu****UNIVERSITY "TRANSILVANIA" OF BRASOV, FACULTY OF****SILVICULTURE AND FOREST ENGINEERING****Sirul Beethoven nr. 1****2200 Brasov****Tel: 4092-152430/143735****Number of graduate staff: 045****Establishment date: 1948****Main research areas: silviculture, forest management, ecology, genetic resources, harvesting, forest products, afforestation, biometrics, forest health, mechanization, operations research, watersheds****Dean: Jon I. Florescu**

UNIVERSITY "TRANSILVANIA" OF BRASOV, FACULTY OF  
WOODWORKING INDUSTRY  
1 St. Colina Universitatii/Corp L  
2200 Brasov  
Tel: 4092-15315  
Number of graduate staff: 035  
Establishment date: 1953  
Main research areas: product development, wood technology,  
wood processing  
Dean: Victor Dogaru

## RUSSIA

CENTRAL RESEARCH INSTITUTE OF FOREST GENETICS AND  
BREEDING  
Lomonosov str., 105  
Voronezh 394043  
Tel: 564189/528303  
Telex: 653866 TUMAN  
Number of graduate staff: 069  
Establishment date: 1971  
Main research areas: genetic resources, tree improvement, seeds  
Director: A.I. Iroshnikov

THE RUSSIAN INSTITUTE OF FOREST SPECIALISTS EDUCATION AND  
TRAINING  
Pushkino, Moscow District 141200  
Tel: 5843644  
Fax: 4053635  
Number of graduate staff: 032  
Establishment date: 1962  
Main research areas: economics, forestry, protection, harvesting  
Rector: Petrov Anatoly P.

## RWANDA

DEPARTEMENT DE FORESTERIE, INSTITUT DES SCIENCES  
AGRONOMIQUES DU RWANDA (ISAR)  
Boîte 617  
Butare  
Tel: 30642/30643  
Fax: 30644  
Number of graduate staff: 007  
Establishment date: 1962  
Main research areas: silviculture and management, agroforestry,  
pathology  
Chef du Département de Foresterie: Isaac Kabera

## SENEGAL

## DIRECTION DE RECHERCHES SUR LES PRODUCTIONS F

FORESTIERES

B.P. 2312

Dakar

Tel: 221-323219

Fax: 221-329617

Telex: 61117SG

Number of graduate staff: 020

Establishment date: 1964

Main research areas: silviculture and management, genetic resources, agroforestry, ecology, physiology, biology

Directeur de Recherches: Pap Ndiengou Sall

UNIVERSITE CHAIKH ANTA DIOP, FACULTE DES SCIENCES ET  
TECHNIQUES, INSTITUT DES SCIENCES DE L'ENVIRONNEMENT  
(ISE)

Dakar

Tel: 221-242302

Number of graduate staff: 004

Establishment date: 1978

Main research areas: botany, inventory, forest management

Director: Amadou Tidiane

## SLOVAK REPUBLIC

## FOREST RESEARCH INSTITUTE

T.G. Masaryka 22

960 92 Zvolen

Tel: 0042-855-27311

Fax: 0042-855-23397

Telex: 72284-VULHZ

Number of graduate staff: 081

Establishment date: 1898

Main research areas: afforestation, environment, forest management, economics, ecology, harvesting, nursery, protection, remote sensing, silviculture

Director: Jozef Remis

STATE FOREST PRODUCTS RESEARCH INSTITUTE

Lamacska 1  
833 30 Bratislava

Tel: 427-371087  
Fax: 427-372063  
Telex: 09333 SDVU

Number of graduate staff: 045

Establishment date: 1940

Main research areas: wood technology, wood processing, wood chemistry, biotechnology, conservation, ecology, product development

Director: Stefan Steller

SLOVENIA

INSTITUTE FOR FOREST AND WOOD ECONOMY

Vecna pot 2  
61000 Ljubljana

Tel: 3861-268963  
Fax: 3861-273589

Number of graduate staff: 034

Establishment date: 1947

Main research areas: ecology, forestry, forest health, gis, wildlife, inventory, pathology, seeds, soils, symbiotic associations

Director: Marko Kmec

SOLOMON ISLANDS

MINISTRY OF NATURAL RESOURCES , FORESTRY DIVISION, FOREST RESEARCH CENTRE

P.O. Box 79  
Munda, Western Province

Tel: 61082

Number of graduate staff: 001

Main research areas: silviculture, seeds

Senior Forest Officer (Research): Semion Iputu

## SOUTH AFRICA

## DIVISION OF FOREST SCIENCE AND TECHNOLOGY (FORESTEK)

CSIR

P.O. Box 395

Pretoria, 0001 RSA

Tel: 2712-8412683

Fax: 2712-8412689

Telex: 3-21312 SA

Number of graduate staff: 115

Establishment date: 1990

Main research areas: forestry, forest products, ecology, agroforestry, conservation, environment, land-use policy, remote sensing, silviculture and management, symbiotic associations, tree improvement, wood technology

Director: F.J. Kruger

## INSTITUTE FOR COMMERCIAL FORESTRY RESEARCH

P.O. Box 375

Pietermaritzburg 3200

Tel: 27331-62314

Fax: 27331-68905

Number of graduate staff: 033

Establishment date: 1946

Main research areas: forestry, tree improvement, nutrition, afforestation, entomology, eucalyptus, mensuration, pathology, silviculture and management, soils, weeds

Director: Peter J.T. Roberts

## SAPPI FORESTS - RESEARCH

P.O. Box 473

Howick 3290, Natal

Tel: 270332-302455

Fax: 270332-304938

Number of graduate staff: 009

Establishment date: 1985

Main research areas: tree improvement, vegetative propagation, forest management

General Manager - Research: M.J.P. Shaw

## UNIVERSITY OF STELLENBOSCH, FACULTY OF FORESTRY

Private Bag

Stellenbosch 7599

Tel: 2231-773322

Fax: 2231-773603

Telex: SA 520383

Number of graduate staff: 030

Establishment date: 1932

Main research areas: conservation, biology, ecology, wildlife, soils, harvesting, energy, pulp and paper, wood technology

Dean: H.F. Vermaas

## SPAIN

## CELULOSAS DE ASTURIAS (CEASA)

Jose Lazaro Galdiano 6 1º IZDA

28036 Madrid

Tel: 341-4571060

Fax: 341-4587624

Number of graduate staff: 004

Establishment date: 1989

Main research areas: agroforestry, biotechnology, eucalyptus, forest management, forest statistics, multi-purpose trees, nursery, nutrition, pulp and paper

Jefe de Investigacion: Oscar Fernandez Carro

## CENTRO DE INVESTIGACIONES FORESTALES

Apartado 127

36080 Pontevedra

Tel: 986-856400

Fax: 986-856420

Number of graduate staff: 019

Establishment date: 1943

Main research areas: ecology, hydrology, silviculture, tree improvement, protection

## CENTRO TECNICO DE LA MADERA DEL PAIS VASCO, S.A.

Granja Modelo Arkaute

Apartado 46

01080 Vitoria Gasteiz

Tel: 945-281366

Fax: 945-281422

Number of graduate staff: 003

Establishment date: 1985

Main research areas: wood technology

Jefe de Investigación: Jesús M<sup>a</sup> Eizmendi

**ESCUELA TECNICA SUPERIOR DE INGENIEROS DE MONTES**

**Ciudad Universitaria, s/n**  
**28040 Madrid**

**Tel: 91-3367090**

**Fax: 91-3367093**

**Number of graduate staff: 114**

**Establishment date: 1848**

**Main research areas: forest management, tree improvement, hydrology, protection, wildlife, landscape architecture, wood technology, pulp and paper**

**INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA**

**Y ALIMENTARIA (INIA)**

**C\ José Abascal 56**  
**28003 Madrid**

**Tel: 91-3473900**

**Fax: 91-4423587**

**Number of graduate staff: 035**

**Establishment date: 1971**

**Main research areas: ecology, hydrology, silviculture, forest management, tree improvement, protection, wood technology, pulp and paper**

**INSTITUTO NACIONAL PARA LA CONSERVACION DE LA**

**NATURALEZA (ICONA)**  
**Gran Vía de San Francisco, 4**  
**28005 Madrid**

**Tel: 3476000**

**Fax: 2658379**

**Number of graduate staff: 006**

**Establishment date: 1972**

**Main research areas: protection, tree improvement, forest health**

**Director General: Santiago Marraco Solana**

**UNIDAD DE RECURSOS FORESTALES, SERVICIO DE INVESTIGACION**

**AGRARIA**

**Diputación General de Aragón**  
**Apartado 727**  
**50080 Zaragoza**

**Tel: 976-576311**

**Fax: 976-575501**

**Number of graduate staff: 005**

**Establishment date: 1980**

**Main research areas: tree improvement, silviculture**

**Head of Research: Antonio Padró**

UNIVERSITAT AUTONOMA DE BARCELONA, CENTRE DE RECERCA  
ECOLOGICA I APLICACIONS FORESTALS (CREAF)

Fac. Ciencies

08193 Bellaterra (Barcelona)

Tel: 93-5811312

Fax: 93-5811321

Number of graduate staff: 012

Establishment date: 1987

Main research areas: ecology, inventory

SRI LANKA

FOREST DEPARTMENT

82, Rajamalwatta Road

Battaramulla

Tel: 941-566631/33

Fax: 941-580089

Cable: FORESTS COLOMBO

Number of graduate staff: 007

Establishment date: 1887

Main research areas: silviculture, tree improvement, agroforestry, environment, non-wood forest products, protection

Addl. Conservator of Forests (Research): K. Vivekanandan

UNIVERSITY OF PERADENIYA, FACULTY OF AGRICULTURE

Peradeniya

Tel: 941-88041

Fax: 941-32572

Number of graduate staff: 003

Establishment date: 1947

Main research areas: agroforestry, ecology, hydrology, tree improvement

Dean: H.P.M. Gunasena

SUDAN

FORESTRY RESEARCH CENTRE (SOBA)

P.O. Box 7089

Khartoum

Number of graduate staff: 027

Establishment date: 1962

Main research areas: seeds, silviculture, wood technology, botany, tree improvement, physiology, agroforestry, desertification

Director: Hassan A. Musnad

**SURINAME**

**SURINAME FOREST SERVICE, RESEARCH DIVISION**

**Corn. Jongbaw Str. No. 10-15  
P.O. Box 436  
Paramaribo**

**Tel: 476118**

**Fax: 410256**

**Number of graduate staff: 003**

**Establishment date: 1969**

**Main research areas: silviculture and management**

**Chief of Research: Kun Ming Tjon**

**SWAZILAND**

**USUTU PULP COMPANY FOREST RESEARCH SECTION**

**Private Bag  
Mbabane**

**Tel: 83248**

**Fax: 74434**

**Telex: 2003WD or 2013 WD**

**Cable: CARIBAEA**

**Number of graduate staff: 005**

**Establishment date: 1987**

**Main research areas: tree improvement, silviculture, pulp and paper**

**Forest Research Manager: Andrew Morris**

**SWEDEN**

**FORESTRY RESEARCH INSTITUTE**

**P.O. Box 1184  
S-16422 Kista**

**Tel: 468-7507220**

**Fax: 468-7509677**

**Number of graduate staff: 060**

**Establishment date: 1992**

**Main research areas: forestry, ecology, harvesting, forest management, silviculture and management, harvesting, mechanization, nutrition, tree improvement, work safety**

**Managing Director: Jan Frik**

**INSTITUTE FOR FOREST IMPROVEMENT****P.O. Box 7007****S-750 07 Uppsala****Tel: 4618-671000****Fax: 4618-309447****Number of graduate staff: 021****Establishment date: 1966****Main research areas: tree improvement, nutrition****Director: Karl-Rune Samuelsson****LULEA UNIVERSITY, DEPARTMENT OF WOOD TECHNOLOGY****Skeria 3****S-931 87 Skellefteå****Tel: 46910-65300****Fax: 46910-65399****Number of graduate staff: 015****Establishment date: 1981****Main research areas: wood technology, wood processing****Professor: Anders Grönlund****SWEDEN UNIVERSITY OF AGRICULTURAL SCIENCE, DEPARTMENT****OF OPERATIONAL EFFICIENCY****S-770 73 Garpenberg****Tel: 46225-26000****Fax: 46225-26100****Telex: 74551****Number of graduate staff: 040****Establishment date: 1949****Main research areas: forestry****Head of department: Mårten Carlsson****SWEDISH INSTITUTE FOR WOOD TECHNOLOGY RESEARCH****(TRATEK)****P.O. Box 5609****S-114 86 Stockholm****Tel: 468-145300****Fax: 468-116188****Number of graduate staff: 085****Establishment date: 1984****Main research areas: wood technology, wood processing, product development****Managing Director: Olli Stendahl**

**SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES, DEPARTMENT  
OF PLANT & FOREST PROTECTION, DIVISION OF FOREST  
ENTOMOLOGY**  
P.O. Box 7044  
S-75007 Uppsala

Tel: 4618-671000, 672331

Fax: 4618-301726

Telex: 76942 AGRUNI

Number of graduate staff: 016

Establishment date: 1915

Main research areas: entomology, protection, forest health,  
conservation, ecology

Head of Division: Hubertus H. Eidmann

**SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES, FOREST  
INDUSTRY MARKET STUDIES**

P.O. Box 7054

S-75007 Uppsala

Tel: 4618-671000

Fax: 4618-673522

Telex: 769 42 AGRINU S

Number of graduate staff: 027

Establishment date: 1983

Main research areas: economics, forest policy, forest products

Professor: Goran Lonner

## SWITZERLAND

**DEPARTMENT OF FOREST AND WOOD RESEARCH (ETH)**

ETH-Zentrum

CH-8092 Zuerich

Tel: 411-2563217

Fax: 411-2520192/2614119

Telex: 817379

Number of graduate staff: 060

Establishment date: 1990

Main research areas: inventory, silviculture, pathology, botany,  
engineering, wood technology, forest policy, economics,  
mensuration, forest management

Director: F. Schmithuesen

**INSTITUT FUE ANGEWANDTE PFLANZENBIOLOGIE**

Sandgrubenstrasse 25

CH-4124 Schoenenbuch

Tel: 4161-4813224

Fax: 4161-4813436

Number of graduate staff: 008

Establishment date: 1980

Main research areas: forest health, nutrition, protection

Director: W. Flueckiger

**SWISS FEDERAL INSTITUTE FOR FOREST, SNOW AND LANDSCAPE****RESEARCH****Zürcherstrasse 111****CH-8903 Birmensdorf**

Tel: 0041-1-7392111

Fax: 0041-1-7392215

Telex: 827203 wsl ch

**Number of graduate staff: 140****Establishment date: 1885****Main research areas: afforestation, ecology, entomology,  
hydrology, pathology, landscape architecture, silviculture, soils****Director: Rodolphe Schlaepfer****TANZANIA****NATIONAL TREE SEED PROJECT****P.O. Box 4012****Morogoro**

Tel: 255-056-3192/3183

Fax: 255-056-3275

**Number of graduate staff: 007****Establishment date: 1989****Main research areas: seeds, tree improvement, genetic resources****Project Manager: Alfred G. Kalaghe****SOKOINE UNIVERSITY OF AGRICULTURE, FACULTY OF FORESTRY****P.O. Box 3009****Chuo Kikuu****Morogoro**

Tel: 056-4648/3511

Telex: 55308 UNIVMOG TZ

Cable: UNIAGRIC

**Number of graduate staff: 030****Establishment date: 1973****Main research areas: biology, botany, silviculture and  
management, economics, wood technology, mensuration****Dean of Faculty: S.A.O. Chamshama**

## TANZANIA FORESTRY RESEARCH INSTITUTE (TAFORI)

P.O. Box 1854  
Morogoro

Tel: 25556-2861  
Fax: 25556-3725  
Telex: 55141 TACOTA TZ  
Cable: TAFORI MOROGORO

Number of graduate staff: 024

Establishment date: 1980

Main research areas: forest products, agroforestry, arboreta, silviculture, natural forests, biodiversity, tree improvement, forest products, wood technology, fuelwood, charcoal

Director-General: Karanja K. Murira

## UNIVERSITY OF DAR-ES-SALAAM, INSTITUTE OF RESOURCE

ASSESSMENT  
P.O. Box 35097  
Dar-es-Salaam

Tel: 010-255-051-49192  
Fax: 010-255-051-49039  
Telex: 41561 UNZIP TZ  
Cable: UNIVERSITY

Number of graduate staff: 019

Establishment date: 1967

Main research areas: mapping, ecology, economics

Director: Idris S. Kikuila

## THAILAND

## ASEAN-CANADA FOREST TREE SEED CENTRE PROJECT

Muak-Lek  
Saraburi 18180

Tel: 6636-341305  
Fax: 6636-341859

Number of graduate staff: 018

Establishment date: 1981

Main research areas: seeds, tree improvement

Director: Somyos Kijkar

## KASETSART UNIVERSITY, FACULTY OF FORESTRY

Phaholyothin Road  
Bangkok 10903

Tel: 5790171/5790520  
Fax: 5614761  
Telex: 21957 RECOFTC TH

Number of graduate staff: 063

Establishment date: 1936

Main research areas: silviculture and management, biology, forest products, engineering, social forestry, watersheds

Director Forestry Research Centre: Bunvong Thaiutsa

**ROYAL FOREST DEPARTMENT, DIVISION OF SILVICULTURE,  
SUBDIVISION OF SILVICULTURE RESEARCH**  
61 Phaholyothin Road  
Chatuchak,

Tel: 5790230/4

Fax: 5794730

Number of graduate staff: 096

Main research areas: silviculture

Director, Division of Silviculture

**ROYAL FOREST DEPARTMENT, FOREST PRODUCTS RESEARCH &  
DEVELOPMENT DIVISION**  
61 Phaholyothin Road  
Chatuchak, Bangkok 10900

Tel: 5791537/5794844

Fax: 5798611

Number of graduate staff: 055

Establishment date: 1934

Main research areas: wood technology, wood processing, wood chemistry, energy, non-wood forest products,

Director (Acting): Wanida Subasennee

**ROYAL FOREST DEPARTMENT, FOREST PRODUCTS RESEARCH  
DIVISION**  
61 Phaholyothin Road  
Chatuchak, Bangkok 10900

Tel: 5795412

Fax: 5798611

Number of graduate staff: 054

Establishment date: 1935

Main research areas: forest products

Director: Somsak Patanaprapapan

**ROYAL FOREST DEPARTMENT, PLANNING DIVISION, FOREST  
ECONOMICS SUBDIVISION**  
61 Paholyothin Road  
Chatuchak, Bangkok 10900

Tel: 5794291

Number of graduate staff: 010

Establishment date: 1972

Main research areas: economics

Chief, Forest Economics Subdivision, Planning Division: Chavalit Urapeepatanapong

**ROYAL FOREST DEPARTMENT, WATERSHED MANAGEMENT****DIvision****Phaholyothin Road****Chatuchak, Bangkok 10900****Tel: 662-5797587****Fax: 662-5792811****Number of graduate staff: 030****Establishment date: 1975****Main research areas: watersheds, hydrology****Chief: Anan Nalampoon****TUNISIA****INSTITUT DES REGIONS ARIDES****4119 Medenine****Tel: 216-5-40661****Fax: 216-5-40435****Number of graduate staff: 025****Establishment date: 1976****Main research areas: desertification, agriculture, ecology, genetic resources, livestock management, mapping, product development, remote sensing, seeds, soils****Directeur: Noureddine Akrime****INSTITUT NATIONAL DE RECHERCHES FORESTIERES****B.P. 2****2080 Ariana****Tel: 2161-230014,230420****Fax: 2161-750557****Number of graduate staff: 010****Establishment date: 1967****Main research areas: forestry, conservation****Directeur: M. Mohamed Dahman****INSTITUT SYLVO-PASTORAL****8110 Tabarka****Tel: 8-44542****Number of graduate staff: 007****Establishment date: 1970****Main research areas: silviculture, ecology, forest products, biometeorology****Directeur: Hasnaoui Brahin**

## TURKEY

## FOREST RESEARCH INSTITUTE (ORMANCILIK ARASTIRMA)

ENSTITUSU)

P.K. 24, Bahçelievler

06501 Ankara

Tel: 904-2131734

Fax: 904-2122944

Number of graduate staff: 094

Establishment date: 1955

Main research areas: forestry, forest products

Director: Yasar Simsek

## KARADENIZ TECHNICAL UNIVERSITY, FACULTY OF FORESTRY

Ktu Orman Facultesi

61080 Trabzon

Tel: 903-153169

Fax: 903-153205

Telex: 83110 KTU

Number of graduate staff: 074

Establishment date: 1971

Main research areas: silviculture and management, conservation, ecology, forestry, protection, wood technology, wood processing, pulp and paper, forest products

Dean: Yalcin Ors

## POPLAR AND FAST-GROWING FOREST TREES RESEARCH

INSTITUTE

P.K. 93 Izmit

41001 Kocaeli

Tel: 9021-111878/110036

Fax: 9021-112282

Number of graduate staff: 036

Establishment date: 1962

Main research areas: silviculture, poplar, eucalyptus, afforestation, nursery, mechanization, genetic resources, soils

Director: Celal Ayik

## UNIVERSITY OF ISTANBUL, FACULTY OF FORESTRY

Orman Fakultesi

Bahcekoy 80895,

Istanbul

Tel: 1-1261100/12

Fax: 1-1261113

Number of graduate staff: 100

Establishment date: 1857

Main research areas: forestry, forest products, landscape architecture

Dean: Necrolet Ozyuuaci

**UGANDA****FOREST RESEARCH CENTRE****PO Box 1752****Kampala****Tel: 259626****Number of graduate staff: 021****Establishment date: 1954****Main research areas: agroforestry, silviculture, tree improvement, forest products, protection, environment****Director: Matthew Oloya****UNITED KINGDOM****BUILDING RESEARCH ESTABLISHMENT****Garston, Watford****Herts WD2 7JR****Tel: 923-894040****Fax: 923-664785****Telex: 923220****Number of graduate staff: 390****Establishment date: 1921****Main research areas: wood technology, product development, forest products, protection, wood processing****CAB INTERNATIONAL****Wallingford****Oxon. OX10 8DE****Tel: 44491-32111****Fax: 44491-33508****Telex: 847964 COMAGG G****Number of graduate staff: 090****Establishment date: 1930****Main research areas: protection, entomology, pathology****Director Scientific Services: R.J. Williams****DEPARTMENT OF AGRICULTURE****Newforge Lane****Belfast B59 5PX****Northern Ireland****Tel: 232-661166****Fax: 232-669551****Number of graduate staff: 271****Establishment date: 1920****Main research areas: agriculture, soils, agroforestry, hydrology****Chief Scientific Officer: C.H. McMurray**

DEPARTMENT OF AGRICULTURE, NORTHERN IRELAND FOREST  
SERVICE RESEARCH BRANCH

Dundonald House  
Upper Newtownards Road  
Belfast BT4 35B  
Northern Ireland Tel: 232-661166  
Fax: 232-669551

Number of graduate staff: 007  
Establishment date: 1958  
Main research areas: silviculture, nutrition, agroforestry,  
vegetative propagation, pathology  
Chief Forest Officer: Cecil H. McMurray

FORESTRY COMMISSION, FOREST RESEARCH STATION

Alice Holt Lodge  
Wrecclesham, Farnham  
Surrey GU10 4LH  
Tel: 420-22255  
Fax: 420-23653

Number of graduate staff: 060  
Establishment date: 1946  
Main research areas: silviculture, physiology, tree improvement,  
protection, wildlife, mensuration, seeds, forest products  
Director Research: David A. Burdekin

INSTITUTE OF TERRESTRIAL ECOLOGY, EDINBURGH RESEARCH  
STATION

Bush Estate, Penicuik  
Midlothian EH26 0QB  
Scotland  
Tel: 31-4454343  
Fax: 31-4453943  
Telex: 72579

Number of graduate staff: 035  
Establishment date: 1974  
Main research areas: forestry, ecology, biometeorology  
Head of Station: M.G.R. Connell

INSTITUTE OF TERRESTRIAL ECOLOGY, MERLEWOOD RESEARCH  
STATION

Grange-over-Sands  
Cumbria LA11 6JU  
Tel: 5395-32264  
Fax: 5395-34705  
Telex: 65102 MERITE

Number of graduate staff: 040  
Establishment date: 1914  
Main research areas: nutrition, soils, ecology, land-use policy,  
environment  
Head of Station: M. Hornung

**MACAULAY LAND USE RESEARCH INSTITUTE**

Craigiebuckler  
Aberdeen AB9 2QJ  
Scotland

Tel: 224-318611  
Fax: 224-311556

Number of graduate staff: 120

Establishment date: 1987

Main research areas: physiology, agroforestry, silviculture and management, hydrology, mensuration, economics, environment

Director: T.J. Maxwell

**NATURAL RESOURCES INSTITUTE, FORESTRY PROGRAMME & FOREST PRODUCTS PROGRAMME**

Central Avenue  
Chatham Maritime  
Kent ME4 4TB

Tel: 44634-880088  
Fax: 44634-880066  
Telex: 263907/8 LDN G  
Cable: NRI CHATHAM

Number of graduate staff: 034

Establishment date: 1880

Main research areas: silviculture and management, non-wood forest products, energy, agroforestry, social forestry, environment, economics

Director: A. Beattie

**OXFORD FORESTRY INSTITUTE**

South Parks Road  
Oxford OX1 3RB

Tel: 865-275000  
Fax: 865-275074  
Telex: 83147 VIA FOROX

Number of graduate staff: 035

Establishment date: 1905

Main research areas: genetic resources, silviculture, pathology, social forestry, ecology, wood processing

Director: J. Burley

**ROYAL BOTANIC GARDENS**

**RBG, Kew**  
**Richmond**  
**Surrey TW93AB**

**Tel:** 081-9401171  
**Fax:** 081-9484237  
**Telex:** 296694 KEWGAR

**Number of graduate staff:** 120

**Establishment date:** 1842

**Main research areas:** biodiversity, conservation, botany, seeds, horticulture, inventory, genetic resources, biotechnology, entomology, mapping

**Director:** Ghillean Prance

**SHELL RESEARCH LTD., SITTINGBOURNE RESEARCH CENTRE**

**Broad Oak Road**  
**Sittingbourne**  
**Kent ME9 8AG**

**Tel:** 795-424444  
**Fax:** 795-475652  
**Telex:** 96181

**Number of graduate staff:** 005

**Establishment date:** 1984

**Main research areas:** biotechnology, vegetative propagation

**Director:** H.C. Volger

**THE FORESTRY AUTHORITY, RESEARCH DIVISION, NORTHERN**

**RESEARCH STATION**  
**Roslin**  
**Midlothian EH25 9SY**

**Tel:** 31-4452176  
**Fax:** 31-4455124

**Number of graduate staff:** 037

**Establishment date:** 1970

**Main research areas:** protection, tree improvement, physiology, silviculture, wildlife, conservation, forest statistics, biodiversity, biometeorology, forest health, hydrology

**Chief Research Officer:** T.C. Booth

**TIMBER RESEARCH AND DEVELOPMENT ASSOCIATION**

Stocking Lane  
Hughenden Valley  
High Wycombe  
Bucks HP14 4ND

Tel: 0494-563091  
Fax: 0494-565487  
Telex: 83292 TRADA G

Number of graduate staff: 032

Establishment date: 1934

Main research areas: wood processing, wood technology, forest products, marketing, work safety, environment, engineering, product development, eucalyptus

Chief Executive: C.J. Gill

**UNIVERSITY COLLEGE OF NORTH WALES, INSTITUTE OF**

**TERRESTRIAL ECOLOGY, BANGOR RESEARCH UNIT**  
Orton Building Deiniol RD.

Bangor, Gwynedd  
Wales, LL 2VP

Tel: 44-248-370045  
Fax: 44-248-355365

Number of graduate staff: 012

Establishment date: 1974

Main research areas: agroforestry, conservation, ecology, harvesting, hydrology, soils, watersheds

Head of Unit: Jeg Good

**UNIVERSITY OF ABERDEEN, DEPARTMENT OF FORESTRY**

St Machar Drive  
Aberdeen, AB9 2UD  
Scotland

Tel: 224-272677  
Fax: 224-272685  
Telex: 73458 UNIABN G

Number of graduate staff: 022

Establishment date: 1914

Main research areas: harvesting, energy, tree improvement, biotechnology, wood technology, economics, forest management, protection

Professor and Head of Department: Hugh G. Miller

UNIVERSITY OF ABERDEEN, DEPARTMENT OF PLANT AND SOIL SCIENCE  
Meston Building  
Aberdeen AB9 2UE  
Scotland

Tel: 224-272257  
Fax: 224-272268  
Telex: 73458 UNIABN G

Number of graduate staff: 028

Establishment date: 1860

Main research areas: ecology, forest health, soils, symbiotic associations, nutrition, environment

Head of Department: I.J. Alexander

UNIVERSITY OF EDINBURGH, SCHOOL OF FORESTRY, INSTITUTE OF ECOLOGY & RESOURCE MANAGEMENT  
Darwin Building, Mayfield Road  
Edinburgh EH9 3JU  
Scotland

Tel: 31-6505430  
Fax: 31-6620478  
Telex: 727442 (UNIVED G)

Number of graduate staff: 030

Establishment date: 1889

Main research areas: physiology, silviculture and management, nutrition, economics, agroforestry, ecology, hydrology, tree improvement, multi-purpose trees, conservation

Professor: P.G. Jarvis

UNIVERSITY OF WALES, SCHOOL OF AGRICULTURAL AND FOREST SCIENCES  
Bangor  
Gwynedd LL75 2UW

Tel: 248-351151  
Fax: 248-354997

Number of graduate staff: 063

Establishment date: 1904

Main research areas: agriculture, agroforestry, ecology, forestry, gis, wood technology, soils, forest products, economics

Head of School: J.B. Owen

**UNIVERSITY OF PORTSMOUTH, SCHOOL OF BIOLOGICAL SCIENCES****King Henry I Street****Portsmouth****Hants PO1 2DY****Tel: 705-842035****Fax: 705-842070****Number of graduate staff: 083****Establishment date: 1968****Main research areas: protection, biology, entomology, pathology, pests, protection****Head of School: R.C. Reay****UNITED STATES OF AMERICA****AUBURN UNIVERSITY, SCHOOL OF FORESTRY****Auburn, AL 36849-5418****Tel: 205-8441007****Fax: 205-8441084****Number of graduate staff: 034****Establishment date: 1946****Main research areas: biology, biometrics, economics, engineering, forest products, wood technology****Dean: Emmett Thompson****CALIFORNIA CEDAR PRODUCTS COMPANY, RESEARCH****DEPARTMENT****P.O. Box 8449****Stockton, CA 95208****Tel: 209-9312448****Fax: 209-9316922****Number of graduate staff: 025****Establishment date: 1947****Main research areas: wood technology, wood processing****Vice-President, Manufacturing & Research: Charles P. Berolzheimer****CLEMSON UNIVERSITY, DEPARTMENT OF FOREST RESOURCES****261 Lehotsky Hall****Clemson, SC 29634-1003****Tel: 803-6563302****Fax: 803-6563304****Number of graduate staff: 036****Establishment date: 1893****Main research areas: biology, forestry, forest products****Department Head: William A. Leuschner**

**COLORADO STATE UNIVERSITY, DEPARTMENT OF FOREST SCIENCES**

**Ft. Collins, CO 80523**

**Tel: 303-4916911**

**Fax: 303-4916754**

**Number of graduate staff: 016**

**Establishment date: 1879**

**Main research areas: economics, forest policy, biology, ecology, remote sensing, biometrics, forest management, forest products**

**Head: A.A. Dyer**

**FOREST HISTORY SOCIETY**

**701 Vickers Avenue**

**Durham, NC 27701**

**Tel: 919-6829319**

**Number of graduate staff: 003**

**Establishment date: 1946**

**Main research areas: history, conservation**

**Executive Director: Harold K. Steen**

**HARVARD UNIVERSITY, HARVARD FOREST**

**P.O. Box 68, Route 32**

**Petersham, MA 01366-0068**

**Tel: 508-7243302**

**Fax: 508-7243595**

**Number of graduate staff: 007**

**Establishment date: 1907**

**Main research areas: ecology, soils, physiology, history**

**Director: David R. Foster**

**IOWA STATE UNIVERSITY, DEPARTMENT OF FORESTRY**

**251 Bessey Hall**

**Ames, IA 50011-1021**

**Tel: 515-2941166**

**Fax: 515-2941337**

**Number of graduate staff: 010**

**Establishment date: 1904**

**Main research areas: biology, economics, biometrics, forest products, agroforestry, forest management**

**Chairman, Department of Forestry: Steven E. Jungst**

**ITT RAYONIER, INC., FOREST RESEARCH CENTER****P.O. Box 819****Yulee, FL 32097**

Tel: 904-2255393

Fax: 904-2250370

**Number of graduate staff: 006****Establishment date: 1954****Main research areas: tree improvement, silviculture and management, biometrics, nutrition, soils****Research Manager: Marshall Jacobson****LOUISIANA STATE UNIVERSITY, SCHOOL OF FORESTRY, WILDLIFE AND FISHERIES****Baton Rouge, LA 70803**

Tel: 504-3884131

Fax: 504-3884227

**Number of graduate staff: 044****Establishment date: 1925****Main research areas: silviculture, physiology, ecology, mensuration, wood technology, genetic resources****Director: Stanley B. Carpenter****MICHIGAN TECHNOLOGICAL UNIVERSITY, SCHOOL OF FORESTRY AND WOOD PRODUCTS****Houghton, MI 49931**

Tel: 906-4872454

Fax: 906-4872311

**Number of graduate staff: 035****Establishment date: 1936****Main research areas: silviculture, soils, ecology, wood technology, wood processing, wood chemistry, remote sensing****Dean: W.E. Frayer****MISSISSIPPI STATE UNIVERSITY, SCHOOL OF FOREST RESOURCES****Drawer FR****Mississippi State, MS 39762**

Tel: 601-3252952

Fax: 601-3258726

**Number of graduate staff: 052****Establishment date: 1954****Main research areas: forestry, forest products, wildlife, forest management, silviculture and management, harvesting, wood chemistry, wood processing, tree improvement, mensuration****Dean: Warren S. Thompson**

**NATIONAL PARK SERVICE, ALASKA REGIONAL OFFICE****2525 Gambell Street****Anchorage, AK 99503-2892****Tel: 907-2572564****Fax: 907-2572510****Number of graduate staff: 004****Establishment date: 1980****Main research areas: remote sensing, GIS, natural forests****Chief: Gary Ahlstrand****NATIONAL PARK SERVICE, SOUTH-EAST REGION****75 Spring St. SW****Atlanta, GA 30303****Tel: 404-3314916****Fax: 404-3314943****Number of graduate staff: 015****Establishment date: 1916****Main research areas: forest health, wildlife, fire****Chief Scientist: F. Dominic Dottavio****NATIONAL RESEARCH COUNCIL****2101 Constitution Avenue., NW****Washington, DC 20418****Tel: 202-3342692****Fax: 202-3342660****Number of graduate staff: 003****Establishment date: 1864****Main research areas: botany, silviculture****Contact person: Noel D. Vietmeyer****OHIO STATE UNIVERSITY, SCHOOL OF NATURAL RESOURCES****210 Kottman Hall****Columbus, OH 43210****Tel: 614-2922265****Fax: 614-2927432****Number of graduate staff: 030****Establishment date: 1870****Main research areas: genetic resources, urban forestry, ecology, agroforestry, GIS, soils, forest products, silviculture and management****Director: Mohan K. Wali**

**OREGON STATE UNIVERSITY, COLLEGE OF FORESTRY AND FOREST  
RESEARCH LABORATORY**

**150 Peavy Hall**

**Corvallis, Oregon 97331-5704**

**Tel: 503-7372221**

**Fax: 503-7372668**

**Number of graduate staff: 100**

**Establishment date: 1941**

**Main research areas: forest management, biology, engineering,  
economics, forest policy, forest products, social forestry**

**Dean: George W. Brown**

**ORGANIZATION FOR TROPICAL STUDIES**

**P.O. Box DM**

**Duke Station**

**Durham, NC 27706**

**Tel: 919-6845774**

**Fax: 919-6845661**

**Number of graduate staff: 005**

**Establishment date: 1963**

**Coordinator of Research**

**PENNSYLVANIA STATE UNIVERSITY, SCHOOL OF FOREST**

**RESOURCES**

**113 Ferguson Building**

**University Park, PA 16802**

**Tel: 814-8647541**

**Fax: 814-8653725**

**Number of graduate staff: 034**

**Establishment date: 1903**

**Main research areas: forest management, biology, ecology,  
watersheds, wood technology, wildlife**

**Director: Alfred D. Sullivan**

**PURDUE UNIVERSITY, DEPARTMENT OF FORESTRY & NATURAL**

**RESOURCES**

**1159 Forestry Building**

**West Lafayette, IN 47907-1159**

**Tel: 317-4943591**

**Fax: 317-4940409**

**Number of graduate staff: 024**

**Establishment date: 1914**

**Main research areas: biology, ecology, wood technology, wildlife,  
forest management**

**Head of Department: Dennis C. Le Master**

**RESOURCES FOR THE FUTURE (FOREST ECONOMICS AND POLICY PROGRAM)**

1616 P Street, N.W.  
Washington, DC 20036

Tel: 202-3285000  
Fax: 202-9393460  
Cable: RESOURCE

Number of graduate staff: 003

Establishment date: 1952

Main research areas: economics, forest products, environment, forest management

Director Forest Research: Roger A. Sedjo

**SAN DIMAS TECHNOLOGY AND DEVELOPMENT CENTER**

444 East Bonita Avenue  
San Dimas, CA 91773

Tel: 714-5991267  
Fax: 714-5922309

Number of graduate staff: 017

Establishment date: 1945

Main research areas: harvesting

Manager: Dick Silberberger

**SOUTHERN ILLINOIS UNIVERSITY, DEPARTMENT OF FORESTRY**

Carbondale, IL 62901

Tel: 618-4533341  
Fax: 618-4531178

Number of graduate staff: 011

Establishment date: 1960

Main research areas: forest management, forest products, marketing, ecology, hydrology

Head of Department: Dwight R. McCurdy

**STEPHEN F. AUSTIN STATE UNIVERSITY, COLLEGE OF FORESTRY**

PO Box 6109

SFA Station

Nacogdoches, TX 75962-6109

Tel: 409-5683301  
Fax: 409-5682489

Number of graduate staff: 018

Establishment date: 1923

Main research areas: wildlife, entomology, product development, hydrology, physiology, fire, botany, silviculture and management

Dean: R. Scott Beasley

**TEXAS A&M UNIVERSITY, INSTITUTE OF RENEWABLE NATURAL  
RESOURCES, FOREST SCIENCE DEPARTMENT**  
College Station, TX 77843-2135  
Tel: 409-8455033  
Fax: 409-8456049  
Number of graduate staff: 038  
Establishment date: 1876  
Main research areas: agroforestry, remote sensing, land-use  
policy, tree improvement, soils, silviculture, forest health, ecology  
Department Head: Richard F. Fisher

**TEXAS FOREST PRODUCTS LABORATORY**  
PO Box 310  
Lufkin, TX 75902-0310  
Tel: 409-6398180  
Fax: 409-6398185  
Number of graduate staff: 005  
Establishment date: 1936  
Main research areas: forest products, product development, wood  
processing  
Department Head: Dewayne Weldon

**UNIVERSITY OF ALASKA FAIRBANKS, SCHOOL OF AGRICULTURE &  
LAND RESOURCES MANAGEMENT, AGRICULTURAL AND  
FORESTRY EXPERIMENT STATION**  
172 AHRB  
Fairbanks, AK 99775-0100  
Tel: 907-4747083  
Fax: 907-4747439  
Number of graduate staff: 049  
Establishment date: 1906  
Main research areas: agriculture, forestry  
Director of Station: James V. Drew

**UNIVERSITY OF ARKANSAS AT MONTICELLO, DEPARTMENT OF  
FOREST RESOURCES**  
P.O. Box 3468  
Monticello, AR 71655  
Tel: 501-4601052  
Fax: 501-4601092  
Number of graduate staff: 020  
Establishment date: 1909  
Main research areas: hydrology, silviculture, economics, ecology,  
soils, botany, wildlife, biometrics, forest management, pests  
Head of Department ad interim: Edwin R. Lawson

UNIVERSITY OF CALIFORNIA AT BERKELEY, DEPARTMENT OF  
FORESTRY & RESOURCE MANAGEMENT  
145 Mulford Hall  
Berkeley, CA 94720

Tel: 510-6420376  
Fax: 510-6435438

Number of graduate staff: 062

Establishment date: 1914

Main research areas: silviculture and management, agroforestry, forest policy, biodiversity, forest products, land-use policy, livestock management, remote sensing, wildlife

Chair: John A. Helms

UNIVERSITY OF CALIFORNIA, AGRICULTURAL ENGINEERING

DEPARTMENT

Davis, CA 95616

Tel: 916-7526210  
Fax: 916-7522640

Number of graduate staff: 005

Establishment date: 1889

Main research areas: engineering, harvesting, work safety, energy, plantations, mechanization

Chairman of Department: Henry Studer

UNIVERSITY OF FLORIDA, SCHOOL OF FOREST RESOURCES AND  
CONSERVATION

118 Newins-Ziegler Hall  
Gainesville, FL 32611-0301

Tel: 904-3921791  
Fax: 904-3921707

Number of graduate staff: 050

Main research areas: biology, biotechnology, economics, agroforestry, wildlife, forest products

UNIVERSITY OF GEORGIA, D.B. WARRELL SCHOOL OF FOREST  
RESOURCES

Athens, GA 30602

Tel: 404-5422686  
Fax: 404-5428356

Number of graduate staff: 045

Establishment date: 1906

Main research areas: biology, biometrics, forest products, economics, forest policy, wildlife, forest management

Dean: Arnett C. Mace, Jr.

**UNIVERSITY OF KENTUCKY, DEPARTMENT OF FORESTRY****Lexington, KY 40546-0073****Tel: 606-2577596****Fax: 606-2581031****Number of graduate staff: 022****Establishment date: 1969****Main research areas: biometrics, economics, ecology, soils, hydrology, physiology, tree improvement, wildlife, wood technology, product development****Chair: Robert N. Muller****UNIVERSITY OF MASSACHUSETTS, DEPARTMENT OF FORESTRY****AND WILDLIFE MANAGEMENT****Amherst****Holdsworth Natural Resources Center****MA 01003-0130****Tel: 413-5452665****Fax: 413-5454358****Number of graduate staff: 25****Establishment date: 1863****Main research areas: forestry, wildlife, wood technology, remote sensing, biodiversity, ecology, economics, mapping****UNIVERSITY OF MICHIGAN, SCHOOL OF NATURAL RESOURCES****430 E. University****Ann Arbor, MI 48109-1115****Tel: 313-7646453****Fax: 313-9362195****Number of graduate staff: 040****Establishment date: 1927****Main research areas: ecology, agroforestry, protection, conservation, biology, watersheds, remote sensing, forest policy, urban forestry****Dean, School of Natural Resources****UNIVERSITY OF MINNESOTA, COLLEGE OF NATURAL RESOURCES****2003 Upper Buford Circle****St. Paul, MN 55108-1030****Tel: 612-6241234****Fax: 612-6248701****Number of graduate staff: 057****Establishment date: 1903****Main research areas: biology, forest products, pulp and paper, wildlife, conservation, forest management****Dean: Richard A. Skok**

**UNIVERSITY OF MISSOURI, SCHOOL OF NATURAL RESOURCES**

1-30 Agriculture Building  
Columbia, MO 65211

Tel: 314-8826446  
Fax: 314-8821977

Number of graduate staff: 040

Establishment date: 1912

Main research areas: agroforestry, wildlife, soils, biometeorology, urban forestry, silviculture and management, biometrics, gis, hydrology, ecology

Director: Albert R. Vogt

**UNIVERSITY OF NEW HAMPSHIRE, DEPARTMENT OF NATURAL RESOURCES**

215 James Hall  
Durham, NH 03824

Tel: 603-8621020  
Fax: 603-8624976

Number of graduate staff: 022

Establishment date: 1923

Main research areas: economics, ecology, remote sensing, genetic resources, conservation, mensuration, wildlife, silviculture and management

Chair: William Mautz

**UNIVERSITY OF TENNESSEE, DEPARTMENT OF FORESTRY,**

**WILDLIFE & FISHERIES**  
Knoxville, TN 37901-1071

Tel: 615-9747126  
Fax: 615-9742765

Number of graduate staff: 020

Establishment date: 1964

Main research areas: genetic resources, forest products, silviculture and management, biometrics, economics, wildlife

Head of Department: George T. Weaver

**UNIVERSITY OF VERMONT, SCHOOL OF NATURAL RESOURCES**

George D. Aiken Center  
Burlington, VT 05405

Tel: 802-6564280  
Fax: 802-6568683

Number of graduate staff: 034

Establishment date: 1973

Main research areas: ecology, biology, forest management

Dean: Lawrence K. Forcier

**UNIVERSITY OF WASHINGTON, COLLEGE OF FOREST RESOURCES  
Seattle, WA 98195**

**Tel: 206-5432730**

**Fax: 206-6850790**

**Number of graduate staff: 058**

**Main research areas: ecology, wildlife, social forestry, forest management, urban forestry, engineering, wood technology, pulp and paper**

**Dean: David B. Thorud**

**UNIVERSITY OF WISCONSIN - STEVENS POINT, COLLEGE OF  
NATURAL RESOURCES  
Stevens Point, WI 54481**

**Tel: 715-3462853**

**Fax: 715-3463624**

**Establishment date: 1894**

**Main research areas: forest management, silviculture, forest products, urban forestry**

**Associate Dean: Richard Wilke**

**US ENVIRONMENTAL PROTECTION AGENCY, ENVIRONMENTAL  
RESEARCH LABORATORY  
200 SW 35th Street  
Corvallis, OR 97331**

**Tel: 503-7544772**

**Fax: 503-7544799**

**Number of graduate staff: 320**

**Main research areas: ecology, environment, watersheds, biometeorology, biotechnology, soils, afforestation**

**US NATIONAL ARBORETUM  
3501 New York Ave. NE  
Washington, DC 20002**

**Tel: 202-4754815**

**Fax: 202-4755252**

**Number of graduate staff: 011**

**Establishment date: 1927**

**Main research areas: arboreta, botany, tree improvement**

**Research Director: Alden Townsend**

**USDA EXTENSION SERVICE AND ITS COOPERATORS IN STATE****LAND-GRANT UNIVERSITIES****3909 South Building****Natural Resources and Rural Development****Washington, DC 20250-0900****Tel: 202-7207947****Fax: 202-6904869****Number of graduate staff: 300****Establishment date: 1914****Main research areas: forestry, forest products****Administrator: Myron D. Johns Rud****USDA FOREST SERVICE, FOREST PRODUCTS LABORATORY****One Gifford Pinchot Drive****Madison, WI 53705-2393****Tel: 608-2319200****Fax: 608-2319592****Telex: 7400032****Number of graduate staff: 130****Establishment date: 1910****Main research areas: product development, wood processing, pulp and paper, marketing, engineering, energy, protection, wood chemistry, wood technology, biotechnology****Director: John R. Erickson****USDA FOREST SERVICE, INTERMOUNTAIN FOREST & RANGE****EXPERIMENT STATION****324 25th Street****Ogden, UT 84401****Tel: 801-6255431****Fax: 801-6255129****Number of graduate staff: 151****Establishment date: 1891****Main research areas: ecology, hydrology, tree improvement, fire, silviculture and management, protection, botany, engineering, economics****Director: Laurence E. Lassen****USDA FOREST SERVICE, INTERMOUNTAIN FOREST & RANGE****EXPERIMENT STATION, INTERMOUNTAIN FIRE SCIENCES****LABORATORY****P.O. Box 8089****Missoula, MT 59807****Tel: 406-3294820****Fax: 406-3294863****Number of graduate staff: 020****Main research areas: livestock management, fire**

**USDA FOREST SERVICE, NORTH CENTRAL FOREST EXPERIMENT STATION**

**1992 Folwell Avenue  
St. Paul, MN 55108**

**Tel: 612-6495000  
Fax: 612-6495285**

**Number of graduate staff: 080**

**Establishment date: 1966**

**Main research areas: forest management, protection, genetic resources, biotechnology, harvesting, economics, wildlife, ecology**

**Director: Ronald D. Lindmark**

**USDA FOREST SERVICE, NORTH CENTRAL FOREST EXPERIMENT STATION, FORESTRY SCIENCES LABORATORY**

**Southern Illinois University  
Carbondale, IL 62901**

**Tel: 618-4532318  
Fax: 618-4532911**

**Number of graduate staff: 004**

**Establishment date: 1946**

**Main research areas: physiology, tree improvement, wood processing**

**Project Leader: J.W. Van Sambeek**

**USDA FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION**

**5 Radnor Corporate Center  
P.O. Box 6775, Suite 200  
Radnor, PA 19087-4585**

**Tel: 215-9754017  
Fax: 215-9754200**

**Number of graduate staff: 170**

**Establishment date: 1923**

**Main research areas: forest management, wildlife, watersheds, protection, forest products, harvesting, economics, urban forestry**

**Acting Director: Richard W. Guldin**

**USDA FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION, CENTER FOR BIOLOGICAL CONTROL OF NORTHEASTERN FOREST INSECTS & DISEASES**

**51 Mill Pond Rd  
Hamden, CT 06514**

**Tel: 203-7732035  
Fax: 203-7732183**

**Number of graduate staff: 015**

**Main research areas: protection, entomology, pathology**

**Director's representative: Philip M. Wargo**

USDA FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION, FORESTRY SCIENCES LABORATORY  
P.O. Box 968  
Burlington, VT 05402

Tel: 802-9516771  
Fax: 802-9516368

Number of graduate staff: 012

Establishment date: 1956

Main research areas: silviculture, ecology, economics, physiology, social forestry

Director's Representative: Paul E. Sendak

USDA FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION, FORESTRY SCIENCES LABORATORY  
P.O. Box 928  
Warren, PA 16365

Tel: 814-5637587

Number of graduate staff: 006

Establishment date: 1929

Main research areas: forest health, forest management, economics

Director's Representative: Susan Stout

USDA FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION, FORESTRY SCIENCES LABORATORY  
180 Canfield Street  
Morgantown, WV 26505

Tel: 304-2851600  
Fax: 304-2851505

Number of graduate staff: 008

Establishment date: 1965

Main research areas: entomology, harvesting, operations research

Director's Representative: Kurt W. Gottschalk

USDA FOREST SERVICE, PACIFIC NORTHWEST FOREST & RANGE EXPERIMENT STATION, FORESTRY AND RANGE SCIENCES LABORATORY  
1401 Gekeler Lane  
La Grande, OR 97850

Tel: 503-9637122  
Fax: 503-9638704

Number of graduate staff: 018

Establishment date: 1970

Main research areas: wildlife, entomology, pathology

Chief: Jack Ward Thomas

USDA FOREST SERVICE, PACIFIC NORTHWEST RESEARCH STATION  
P.O. Box 3890  
Portland, OR 97208  
Tel: 503-3265640  
Number of graduate staff: 150  
Establishment date: 1910  
Main research areas: forestry, inventory, ecology, silviculture and management, tree improvement, protection, economics, hydrology  
Station Director: Charles W. Philpot

USDA FOREST SERVICE, PACIFIC NORTHWEST RESEARCH STATION, FORESTRY SCIENCES LABORATORY  
3200 SW Jefferson Way  
Corvallis, OR 97331  
Tel: 503-7507250  
Fax: 503-7507329  
Number of graduate staff: 030  
Establishment date: 1962  
Main research areas: ecology, forest management, environment, economics, protection  
Station Leadership Team Representative: David V. Sandberg

USDA FOREST SERVICE, PACIFIC NORTHWEST RESEARCH STATION, FORESTRY SCIENCES LABORATORY  
1133 N. Western Avenue  
Wenatchee, WA 98801  
Tel: 509-6624315  
Fax: 509-6642742  
Number of graduate staff: 005  
Establishment date: 1954  
Main research areas: forest management, conservation, forest health  
Station Director: Charles W. Philpot

USDA FOREST SERVICE, PACIFIC SOUTHWEST STATION, REDDING SILVICULTURE LABORATORY  
2400 Washington Avenue  
Redding, CA 96001  
Tel: 916-2465455  
Fax: 916-2465045  
Number of graduate staff: 017  
Main research areas: silviculture and management, mensuration, GIS  
Program Manager: Philip S. Aune

## USDA FOREST SERVICE, ROCKY MOUNTAIN FOREST &amp; RANGE

EXPERIMENT STATION

240 W. Prospect Road

Fort Collins, CO 80526

Tel: 303-4981100

Fax: 303-4981010

Number of graduate staff: 067

Establishment date: 1935

Main research areas: ecology, forestry, wildlife, hydrology, biometeorology, economics

Director: Denver P. Burns

## USDA FOREST SERVICE, ROCKY MOUNTAIN FOREST &amp; RANGE

EXPERIMENT STATION, FORESTRY SCIENCES LABORATORY

2205 Columbia SE

Albuquerque, NM 87106

Tel: 505-7662384

Fax: 505-7661046

Number of graduate staff: 008

Establishment date: 1956

Main research areas: ecology, afforestation, watersheds

Project Leader: Earl F. Aldon

## USDA FOREST SERVICE, ROCKY MOUNTAIN FOREST &amp; RANGE

EXPERIMENTAL STATION, CENTER FOR SEMI-ARID

AGROFORESTRY

East Campus - University of NE

Lincoln, NE 68583-0822

Tel: 402-4375178

Fax: 402-4375712

Number of graduate staff: 007

Establishment date: 1953

Main research areas: forest health, agroforestry, tree

improvement, biotechnology, entomology, physiology

Project Leader: Michele M. Schoeneberger

## USDA FOREST SERVICE, ROCKY MOUNTAINS FOREST &amp; RANGE

EXPERIMENT STATION

700 South Pine Knoll Drive

Flagstaff, AZ 86001

Tel: 602-5567315

Fax: 602-7792689

Number of graduate staff: 020

Establishment date: 1908

Main research areas: physiology, entomology, silviculture, watersheds, wildlife, hydrology

Director's Representative: Leonard F. De Bano

**USDA FOREST SERVICE, SOUTHEASTERN FOREST EXPERIMENT****STATION****P.O. Box 2680****Asheville, NC 28802****Tel: 704-2574300****Fax: 704-2574840****Number of graduate staff: 107****Establishment date: 1921****Main research areas: forest products, forest management, protection, conservation, watersheds, genetic resources, wildlife, biometeorology****Director:****USDA FOREST SERVICE, SOUTHEASTERN FOREST EXPERIMENT****STATION, CENTER FOR FORESTED WETLANDS RESEARCH****2730 Savannah Hwy****Charleston, SC 29414****Tel: 803-7274271****Fax: 803-7274152****Number of graduate staff: 005****Establishment date: 1897****Main research areas: physiology, silviculture, forest management****Deputy Chief for Research: Jerry Sesco****USDA FOREST SERVICE, SOUTHEASTERN FOREST EXPERIMENT****STATION, FORESTRY SCIENCES LABORATORY****P.O. Box 70****Olustee, FL 32072****Tel: 904-7520331****Fax: 904-7527437****Number of graduate staff: 004****Establishment date: 1932****Main research areas: protection****Head of Research: Jerry Sesco****USDA FOREST SERVICE, SOUTHEASTERN FOREST EXPERIMENT****STATION, FORESTRY SCIENCES LABORATORY****320 Green Street****Athens, GA 30602-2044****Tel: 706-5462435****Fax: 706-5462143****Number of graduate staff: 005****Establishment date: 1990****Main research areas: nursery, symbiotic associations****Institute Director: Donald H. Marx**

**USDA FOREST SERVICE, SOUTHEASTERN FOREST EXPERIMENT  
STATION, PRIMARY HARDWOOD PROCESSING & PRODUCTS  
RESEARCH PROJECT**

**Brooks Forest Products Center  
Virginia Technical University  
Blacksburg, VA 24061-0503**

**Tel: 703-2314016  
Fax: 703-2318868**

**Number of graduate staff: 003**

**Establishment date: 1987**

**Main research areas: wood processing, wood technology, product  
development**

**Project Leader: Philip A. Araman**

**USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT STATION**

**Rm 10210  
US Postal Services Bldg.  
701 Loyola Avenue  
New Orleans, LA 70113**

**Tel: 504-5896787  
Fax: 504-5893961**

**Number of graduate staff: 071**

**Establishment date: 1921**

**Main research areas: forest management, protection, hydrology,  
biotechnology, economics, seeds, inventory, wildlife, harvesting,  
forest products, forest statistics**

**Director: Thomas H. Ellis**

**USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT**

**STATION, ENGINEERING RESEARCH UNIT  
DeVall Drive  
Auburn, AL 36849**

**Tel: 205-8268700  
Fax: 205-8210037**

**Number of graduate staff: 004**

**Establishment date: 1962**

**Main research areas: harvesting, work safety, silviculture  
Project Leader: Bryce J. Stokes**

**USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT  
STATION, FOREST HYDROLOGY LABORATORY**

**P.O. Box 947  
Oxford, MS 38655**

**Tel: 601-2342744  
Fax: 601-2348318**

**Number of graduate staff: 014**

**Establishment date: 1977**

**Main research areas: hydrology, watersheds  
Project Leader: Jack B. Waide**

**USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT****STATION, FORESTRY SCIENCES LABORATORY****P.O. Box 906****Starkville, MS 39759**

Tel: 601-3238162

Fax: 601-3238162

Telex: RWU 403:S30L01 A

**Number of graduate staff: 004****Establishment date: 1966****Main research areas: seeds****Project Leader: Frank Bonner****USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT****STATION, SOUTHERN HARDWOODS LABORATORY****P.O. Box 227****Stoneville, MS 38776**

Tel: 601-6867218

Fax: 601-6862696

**Number of graduate staff: 010****Establishment date: 1945****Main research areas: forestry, protection****Director: Thomas Ellis****USDA FOREST SERVICE, SOUTHERN FOREST EXPERIMENT****STATION, WILDLIFE HABITAT & SILVICULTURAL LABORATORY****Box 7600 SFA Station****Nacogdoches, TX 75962**

Tel: 409-5697981

Fax: 409-5699681

**Number of graduate staff: 009****Establishment date: 1945****Main research areas: silviculture and management, ecology, wildlife****Project Leader: Ronald E. Thill****URUGUAY****UNIVERSIDAD DE LA REPUBLICA FACULTAD DE AGRONOMIA,****DEPARTAMENTO FORESTAL****Avenida Garzon 780****C.P.12900 Montevideo**

Tel: 97191

Fax: 5982393004

**Number of graduate staff: 010****Establishment date: 1963****Main research areas: silviculture and management, wood technology****Directora: Marta Bianchi**

## VENEZUELA

**CORP. VENEZUELA, PRODUCTOS FORESTALES DE ORIENTE C.A.**

**CENTRO DE INVESTIGACION FORESTAL**

**Centro Comercial Caura, local S9-A**

**Alta Vista**

**Guayana, Bolívar**

**Tel: 87-91694**

**Fax: 87-91694**

**Number of graduate staff: 012**

**Establishment date: 1988**

**Main research areas: silviculture, tree improvement, soils, biometeorology, protection**

**Gerente de Investigación: Marina Acosta de Hurtado**

**DIRECCION GENERAL SECTORIAL DE INVESTIGACION Y  
CONSERVACION DE AGUA, SUELO Y VEGETACION**

**Tel: 2-4081824/4081862**

**Fax: 2-5450607**

**Telex: 28475 VEN**

**Number of graduate staff: 006**

**Establishment date: 1977**

**Main research areas: ecology, seeds**

**Delfina Rodríguez**

**INSTITUTO FORESTAL LATINOAMERICANO (IFLA)**

**Núcleo Forestal**

**Via Chorros de Milla, Edif. IFLA**

**Apartado 36**

**Merida**

**Tel: 74-440535**

**Fax: 74-448906**

**Telex: 74104 CIDIA VC**

**Number of graduate staff: 004**

**Establishment date: 1956**

**Main research areas: forestry, forest products, watersheds**

**Jefe de Investigación: Judith Petit Aldana**

**UNIVERSIDAD DE LOS ANDES, FACULTAD DE CIENCIAS  
FORESTALES, CENTRO DE ESTUDIOS FORESTALES DE  
POSTGRADO**

**Via Chorros de Milla**

**Mérida**

**Tel: 74-401517**

**Fax: 74-401503**

**Number of graduate staff: 060**

**Establishment date: 1970**

**Main research areas: forestry, forest products, watersheds**

**Director: Edgar Hernández Becerra**

**UNIVERSIDAD DE LOS ANDES, INSTITUTO DE SILVICULTURA****Via Chorros de Milla****Merida**

Tel: 74-401580, 401581

Fax: 74-401503

**Number of graduate staff: 010****Establishment date: 1960****Main research areas: silviculture and management, protection, genetic resources, ecology****Director: Luis E Yegres****VIET NAM****FOREST SCIENCE INSTITUTE OF VIETNAM****Chèm, Tù liêm****Hanoi**

Tel: 84 43 45721

84 43 44031

Fax: 84 43 45722

**Number of graduate staff: 340****Establishment date: 1961****Main areas of research: forestry, forest products, economics****Director: Vu Biêt Linh****ZAIRE****CENTRE D'ADAPTATION DES TECHNIQUES ENERGIE-BOIS (CATEB)****35 Avenue de Flambeau****B.P. 11.596****Kinshasa I**

Tel: 27936

**Number of graduate staff: 006****Establishment date: 1983****Main research areas: energy, fuelwood, wood processing****Directeur: Djengo Bosulu****ZAMBIA****DIVISION OF FOREST RESEARCH****P.O. Box 22099****Kitwe**

Tel: 260-2-220456

Fax: 260-2-224110

Telex: 52051 ZA

**Number of graduate staff: 006****Establishment date: 1956****Main research areas: silviculture, botany, ecology, tree improvement, protection, mensuration****Chief Forest Research Officer: F. M. Malaya**

**FOREST DEPARTMENT, DIVISION OF FOREST PRODUCTS**

**RESEARCH**  
**P.O. Box 20388**  
**Kitwe**

**Tel:** 260-2-218108

**Number of graduate staff:** 004

**Establishment date:** 1962

**Main research areas:** wood technology, non-wood forest products, wood processing, engineering

**Chief Forest Products Research Officer:** Progress M. Sekeli

**MISAMFU REGIONAL RESEARCH STATION, SOIL PRODUCTIVITY**

**RESEARCH PROGRAMME**  
**P.O. Box 410055**  
**Kasama**

**Tel:** 4-221773

**Fax:** 4-221555

**Telex:** ZA 64070

**Number of graduate staff:** 009

**Establishment date:** 1983

**Main research areas:** agroforestry, soils

**Chief Agricultural Research Officer:** Mr. Kaliangile

**NATIONAL COUNCIL FOR SCIENTIFIC RESEARCH, TREE IMPROVEMENT RESEARCH CENTRE**

**P.O. Box 21210**  
**Kitwe**

**Tel:** 226734

**Number of graduate staff:** 006

**Establishment date:** 1966

**Main research areas:** tree improvement, biotechnology

**Head:** C.K. Mwamba

**ZIMBABWE****FORESTRY COMMISSION, RESEARCH & DEVELOPMENT DIVISION, FOREST RESEARCH CENTRE**

**P.O. Box HG 595**  
**Highlands, Harare**

**Tel:** 263-4-46878/9

**Fax:** 263-4-47066

**Telex:** 48323 FORCOM ZW

**Number of graduate staff:** 019

**Establishment date:** 1948

**Main research areas:** tree improvement, silviculture, seeds, biometrics, agroforestry, protection, mapping, social forestry, pathology, entomology, natural forests

**Manager:** D.P. Gwaze

## **DIRECTORY OF FORESTRY RESEARCH ORGANIZATIONS**

### **Questionnaire**

**Country:**

**Name of Organization:**

**Address:**

**Telephone:**

**(please include country and area codes)**

**Fax:**

**Telex:**

**Cable:**

**Number of staff who have university degrees:**

**Year of establishment:**

**Main research areas (select up to 10 items from list provided):**

**Designation of head of organization:**

**Name of head of organization:**

**Name and designation of person filling this form**

**Please return this form to:**    **Mr. F.S.P. Ng**  
**Chief, Forest Research Education and**  
**Training Branch**  
**FAO**  
**Via delle Terme di Caracalla**  
**00100 Rome, Italy**

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agriculture  
agroforestry  
arboreta  
biodiversity  
biometeorology  
biometrics  
biotechnology  
botany  
charcoal  
chemical products  
conservation  
desertification  
ecology  
economics  
ecophysiology  
energy  
engineering  
entomology  
environment  
eucalyptus  
fire  
forest health  
forest management  
forest policy  
forest products  
forest statistics  
forestry  
fuelwood  
genetic resources  
geographic information  
systems (GIS)  
harvesting  
history  
horticulture  
hydrology  
inventory  
land-use policy  
landscape architecture  
livestock management  
mapping  
marketing  
mechanization  
mensuration  
microbiology  
multi-purpose trees  
natural forests  
non-wood forest  
products  
nursery  
nutrition  
operations research  
pathology  
pests  
physiology  
plantations  
poplar  
product development  
protection  
pulp and paper  
remote sensing  
seeds  
silviculture  
silviculture and  
management  
social forestry  
soils  
symbiotic associations  
tree improvement  
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