

CGRFA/WG-FGR-1/11/REPORT

Commission on Genetic Resources for Food and
Agriculture

**Intergovernmental Technical Working Group
on Forest Genetic Resources**

First Session

**Rome, Italy
4 – 6 April 2011**



Food and Agriculture Organization of the United Nations

CGRFA/WG-FGR-1/11/REPORT

COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

**REPORT OF THE FIRST SESSION
OF THE
INTERGOVERNMENTAL TECHNICAL WORKING GROUP
ON FOREST GENETIC RESOURCES**

Rome, Italy, 4 – 6 April 2011

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Rome, 2011

The documents prepared for the First Session of the Intergovernmental Technical Working Group on Forest Genetic Resources of the Commission on Genetic Resources for Food and Agriculture are available on the Internet at:

<http://www.fao.org/forestry/fgr/67904/en>

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

All rights reserved. FAO encourages the reproduction and dissemination of material in this information product. Non-commercial uses will be authorized free of charge, upon request. Reproduction for resale or other commercial purposes, including educational purposes, may incur fees. Applications for permission to reproduce or disseminate FAO copyright materials, and all queries concerning rights and licences, should be addressed by e-mail to copyright@fao.org or to the:

Chief, Publishing Policy and Support Branch
Office of Knowledge Exchange, Research and Extension
FAO
Viale delle Terme di Caracalla
00153 Rome, Italy

© FAO [2011]

CONTENTS

	<i>Para</i>
I. Introduction	1
II. Opening of the Session and Election of the Chair and Vice-chairs, and <i>Rapporteur</i>	2 – 9
III. Preparation of <i>The State of the World's Forest Genetic Resources</i>	10 – 20
IV. Biotechnologies and the conservation and utilization of forest genetic resources	21 – 27
V. Review of the Commission's Multi-year Programme of Work – Forest genetic resources	28 – 30
VI. Other Business	31 - 35
VII. Closing Statements	36 – 37

Appendices

A	Agenda of the First Session
B	List of Documents
C	Members of the Intergovernmental Technical Working Group on Forest Genetic Resources elected at the Twelfth Regular Session of the Commission on Genetic Resources for Food and Agriculture
D	List of Delegates and Observers

COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE
REPORT OF THE FIRST SESSION OF THE INTERGOVERNMENTAL TECHNICAL
WORKING GROUP ON FOREST GENETIC RESOURCES

Rome, Italy, 4 – 6 April 2011

I. INTRODUCTION

1. The First Session of the Intergovernmental Technical Working Group on Forest Genetic Resources (Working Group) was held in Rome, Italy, from 4 to 6 April 2011. The Members of the Working Group elected by the Commission on Genetic Resources for Food and Agriculture (Commission), at its Twelfth Regular Session, are listed in *Appendix C*. The list of Delegates and Observers is given in *Appendix D*.

II. OPENING OF THE SESSION AND ELECTION OF THE CHAIR AND VICE-CHAIRS AND RAPPORTEUR

2. The Secretary of the Working Group, Mr Oudara Souvannavong, welcomed Members of the Working Group and Observers and thanked them for attending the meeting.

3. The Working Group elected Mr Tore Skroppa (Norway) as Chair. Mr Adjumane Aimé Kadio (Côte d'Ivoire), Mr Elpidio Rimando (Philippines), Mr Eduardo Gándara Welch (Chile), Mr Anwar Kozah (Lebanon), Mr Robert Kiapranis (Papua New Guinea) and Ms Tannis Beardmore (Canada) were elected as Vice-Chairs. Mr Kinley Tenzin (Bhutan) was elected *Rapporteur*.

4. In taking up his position, Mr Skroppa emphasized the importance for the Working Group to provide sound advice to the Commission's next regular session and to inform countries that were absent of the outcomes of the meeting. Mr Skroppa stressed the importance for all countries to contribute to the preparation of *The State of the World's Forest Genetic Resource* (Report) through the timely submission of their Country Report.

5. Mr Eduardo Rojas-Briales, Assistant Director-General, Forestry Department of the Food and Agriculture Organization of the United Nations (FAO), on behalf of Dr Jacques Diouf, Director-General of FAO, opened the meeting and welcomed the delegates and observers to the meeting. He stressed the importance of forests and trees in performing key economic and ecological functions, including providing shelter for much of the world's biodiversity, and emphasized that maintaining forest genetic diversity was essential to enable adaptation to future changes, including climate change.

6. Mr Eduardo Rojas-Briales welcomed the integration of the Report in the Multi-Year Programme of Work of the Commission. The Report would provide a solid information base that would enhance the implementation of forest genetic programmes and strengthen collaboration in the management of forest genetic resources at national, regional and global levels. He thanked National Focal Points, Bioversity International, the World Agroforestry Centre (ICRAF), the Secretariat of the Convention on Biological Diversity and the regional networks in forest research and genetic resources for their important contributions to the on-going preparation of the Report and stressed that highest priority should be given to the timely submission of Country Reports. Mr Rojas-Briales urged donors to support the preparation of Country Reports. He emphasized the important role of the Commission and its Working Group in guiding the preparation of the Report.

7. Mr Peter Holmgren, Director, Climate, Energy and Tenure Division of FAO, on behalf of Mr Alexander Müller, Assistant Director-General, Natural Resources Management and Environment Department, welcomed delegates and observers. He briefly recalled the Commission's mandate, reviewed major achievements and stressed the important role of Intergovernmental Technical Working Groups in the implementation of the Commission's programme of work.

8. Mr Peter Holmgren noted the progress in the preparation of Country Reports and the Report and stressed the importance of collaboration between FAO, the Commission and partners. He thanked the Governments of Norway, Spain and Sweden for their financial support and the Government of Canada for in-kind support provided for upgrading the FAO Global Information System on Forest Genetic Resources (REFORGEN). He stressed that the success of the Report was dependent both on the timely submission of Country Reports and on the follow-up to its publication.

9. The Working Group adopted the agenda as given in *Appendix A*.

III. PREPARATION OF *THE STATE OF THE WORLD'S FOREST GENETIC RESOURCES*

10. The Working Group considered the documents, *Progress in the preparation of The State of the World's Forest Genetic Resources*,¹ and, *Human and financial resources requirements*.² It took note of the *Guidelines for the preparation of Country Reports for The State of the World's Forest Genetic Resources*,³ and of the reports on regional training workshops held for the preparation of Country Reports for *The State of the World's Forest Genetic Resources*.⁴ In the light of difficulties with the preparation of Country Reports, the Working Group recommended that the Commission move the deadline for submission of Country Reports to 1 January 2012.

11. The Working Group welcomed progress made in the preparation of the Report and recommended that the Commission confirm the process for the preparation of the Report, which should be presented to the Commission's Fourteenth Regular Session.

12. The Working Group emphasized the importance of multi-stakeholder consultations at country level in gathering and validating information for the preparation of Country Reports and identifying gaps and needs in the management and conservation of forest genetic resources at the national level.

13. The Working Group welcomed cooperation at the regional level and emphasized the important role of FAO's regional forestry commissions and other regional entities for the compilation, analysis and synthesis of Country Reports. It also stressed the need to strengthen cooperation with International Organizations, such as the International Tropical Timber Organization (ITTO), and to further develop the global information system on forest genetic resources (REFORGEN).

14. The Working Group strongly recommended that the Commission urge countries to nominate National Focal Points to ensure the timely delivery of Country Reports for the *State of the World's Forest Genetic Resources*.

15. The Working Group stressed the need for additional resources for the preparation of high-quality Country Reports. It recommended that the Commission request FAO to provide sufficient Regular Programme resources for the preparation of the Report, including the preparation of Country Reports. In addition, it recommended that the Commission urge donors and relevant

¹ CGRFA/WG-FGR-1/11/2.

² CGRFA/WG-FGR-1/11/2 Add.1.

³ CGRFA/WG-FGR-1/11/Inf.1.

⁴ CGRFA/WG-FGR-1/11/Inf.2; CGRFA/WG-FGR-1/11/Inf.3; and CGRFA/WG-FGR-1/11/Inf.4.

international organizations to make available extra-budgetary financial resources and in-kind support for the preparation of Country Reports, including for national and regional consultations. The Working Group pointed out that without such support the submission of Country Reports could be seriously delayed and their quality compromised.

16. The Working Group recommended that the Commission decide to convene the Working Group prior to the Commission's Fourteenth Regular Session, *inter alia*, to review the first draft of the Report.

17. The Working Group noted that the preparation of Country Reports should be considered as a strategic planning exercise and a tool for the better assessment and sustainable management of forest genetic resources. It acknowledged that the guidelines present a common framework for the preparation of Country Reports, which governments should use in a flexible manner, taking into account national and regional specificities and the diversity of needs of user groups. The Working Group discussed the species to be included in Country Reports and the possibility of prioritizing species. The Secretariat noted that the guidelines for the preparation of Country Reports leave the identification of relevant species as well as the prioritization to the discretion of countries. A broad based country-driven approach will provide a basis to define priorities for action at global, regional and local levels, considering the wide range of uses of forest genetic resources, as well as regional differences and specificities.

18. The Working Group recommended to the Commission to invite countries to integrate the timely preparation of Country Reports for the Report as well as any follow-up activities into their National Biodiversity Strategies and Action Plans.

19. Referring to the information provided by the Secretariat, the Working Group welcomed the expansion of REFORGEN and emphasized its importance for processing and managing Country Report data.

20. Referring to Decision X/36 of the tenth meeting of the Conference of the Parties to the Convention on Biological Diversity, the Secretariat of the Convention welcomed the preparation of the Report as the most comprehensive effort undertaken to date to map the genetic diversity of trees and other forest resources. In the same Decision X/36, the Conference of the Parties had invited Parties of the Convention, other Governments and relevant organizations to support the preparation of the Report, and requested the Executive Secretary to collaborate with FAO in the preparation, including by participating in relevant sessions of the Commission and its Working Group.

IV. BIOTECHNOLOGIES AND THE CONSERVATION AND UTILIZATION OF FOREST GENETIC RESOURCES

21. The Working Group considered the document, *Status and trends of biotechnologies applied to the conservation and utilization of genetic resources for food and agriculture and matters relevant for their future development*.⁵ At its Twelfth Regular Session, the Commission had requested FAO to prepare a scoping paper describing the range of biotechnologies being applied to the conservation and utilization of genetic resources for food and agriculture, the current status of application of these technologies and matters relevant for their future development, including relevant policy developments in other international forums, for consideration by the Commission at its next Regular Session. The Commission had requested its Working Groups to review the scoping paper prior to the Commission's Thirteenth Regular Session.

22. The Working Group reviewed the scoping paper and recommended that the Commission request FAO to make more information available on biotechnologies and issues specifically applied to forest genetic resources. This additional information could be included in a sector-

⁵ CGRFA/WG-FGR-1/11/3.

specific annex. The Secretariat informed the Working Group that more detailed sector-specific information as well as the proceedings of the FAO International Technical Conference on Agricultural Biotechnologies in Developing Countries (ABDC-10) would be made available to the Commission's Thirteenth Regular Session.

23. The Working Group highlighted the special nature of the forestry sector and, consequently, its specific needs with regard to the application of biotechnologies in assessing and managing forest genetic resources. It noted that this sector dealt with long-lived organisms, characterized by high diversity between and within populations, whose phenotypic plasticity is crucial for the ability to respond and adapt to future environmental conditions, in particular related to climate change. It was noted that the very long duration of the cycle of forest species (sometimes several centuries) is also a factor of vulnerability when the climate evolves more quickly than the capacity of species to adapt.

24. The Working Group recognized the differences of availability and use of biotechnologies across regions, due to the different levels of financial and human resources available in the different regions, and stressed the importance of capacity-building and transfer of relevant knowledge and technologies between countries, through North-South and South-South collaboration. The Working Group also highlighted the potential role of public-private partnerships.

25. The Working Group recommended that the Commission stress the need for more information on bioinformatics. It recognized the importance of forest genetic resources for the livelihoods of indigenous peoples and emphasized their rights to access and the sharing of benefits in relation to forest genetic resources.

26. The Working Group emphasized that the efforts of countries to develop the use of biotechnologies for conservation purposes must be encouraged.

27. The Working Group recommended that the Commission:

- i) Emphasize the need for the development of specific standards and technical protocols for the molecular characterization of forest genetic resources in order to generate reproducible and comparable data;
- ii) Request FAO to present to the Commission at its next session a specific analysis on the investments, returns and socio-ecological impacts of biotechnologies for forest genetic resources;
- iii) Request FAO to increase its efforts to strengthen the national capacities of developing countries for priority-setting and policy formulation in biotechnologies for the characterization, conservation and utilization of forest genetic resources;
- iv) Request FAO to strengthen activities for the regular dissemination of updated factual information on the role of biotechnologies for the characterization, conservation and utilization of forest genetic resources through existing databases, networks and newsletters (e.g. DAD-IS, FAO-BiotechNews and WIEWS); and
- v) Request FAO to explore mechanisms for future cooperation with relevant international organizations, including for fostering North-South and South-South cooperation, for harnessing the benefits of biotechnologies for the characterization, conservation and utilization of forest genetic resources.

V. REVIEW OF THE COMMISSION'S MULTI-YEAR PROGRAMME OF WORK - FOREST GENETIC RESOURCES

28. The Working Group considered the document, *Review of the Commission's Multi-Year Programme of Work – Forest Genetic Resources*.⁶ The Working Group recommended not to amend the milestone, *Presentation of the State of the World's Forest Genetic Resources*, foreseen for the Commission's Fourteenth Regular Session.

29. The Working Group stressed the need for a follow-up to the presentation of the Report and noted that this could take the form of Plans of Action at national, regional and global level. The Working Group recommended that the Commission further discuss the possible form and content of a Global Plan of Action once the preparation of the Report is in a more advanced stage. The Working Group also recommended that any follow-up the Commission may wish to consider should build on existing national, regional and global programmes. The Commission should request FAO to continue supporting and strengthening on-going work for the conservation and sustainable use and management of forest genetic resources as well as strengthening cooperation with relevant networks and international organizations. The Working Group recommended that the Commission, in considering follow-up activities, should take into account the need for strengthening the reporting capacities of developing countries and the possibility to further develop and use REFORGEN for this purpose.

30. The Working Group recommended that the Commission consider adding two new milestones to its Multi-Year Programme of Work as it relates to forest genetic resources:

- i) The follow-up to and update of *The State of the World's Forest Genetic Resources* (CGRFA-15); and
- ii) A review of progress made in the follow-up to *The State of the World's Forest Genetic Resources* (CGRFA-17).

VI. OTHER BUSINESS

Thematic background studies for The State of the World's Forest Genetic Resources

31. Bioversity International and the World Agroforestry Centre (ICRAF) presented key issues of thematic background studies they currently coordinate for *The State of the World's Forest Genetic Resources*, including on indicators for forest genetic diversity, erosion and vulnerability; the role of forest genetic resources in the adaptation to biotic and abiotic factors, with a focus on climate change; the use of native species in biodiversity restoration and management; and the use of forest genetic resources in decentralised development for food security, poverty alleviation and livelihood improvement. The Working Group recommended that the Commission invite further contributions and case studies to improve the quality of the thematic studies.

The Panel of Experts and the Working Group

32. The Secretary provided additional information on the role of the Panel of Experts on Forest Gene Resources versus the role of the Working Group. He highlighted the different but complementary nature and role of the two bodies. The Working Group acknowledged the technical and scientific advice provided by the Panel of Experts in defining the scope and structure of the Report.

Transfer of knowledge between sectors

33. The Working Group noted that the exchange of knowledge and transfer of technologies across sectors could be beneficial. For instance, the tools and methods related to *in situ* conservation and dynamic conservation in natural populations are more developed in forestry,

⁶ CGRFA/WG-FGR-1/11/4.

which could be useful to the conservation of crop wild relatives. Conversely, the interest for *ex situ* conservation for forest trees is increasing, which is where forestry could draw on the experiences of *ex situ* conservation methodologies from the crop sector.

34. The Working Group noted that integrating activities on crops, farm animals and forest genetic resources facilitated the exchange of knowledge and information and it emphasized the key to success of such integration is knowledge management.

Conservation of forest genetic resources for monitoring changes in genetic diversity

35. The Working Group considered the need to safeguard genetic material for monitoring changes in forest genetic diversity over time. It noted that Country Reports could contribute to identifying the needs in *ex situ* conservation. In discussing the possible way forward, the Working Group recommended that the Commission consider criteria for prioritization, adequate access and benefit sharing arrangements and proper monitoring processes.

VII. CLOSING STATEMENTS

36. Mr José Antonio Prado Donoso, Director of the Forest Assessment, Management and Conservation Division of FAO, on behalf of FAO and Mr Eduardo Rojas-Briales, thanked and congratulated the Working Group for its accomplishment in providing crucial recommendations to the Commission, in particular for the preparation and timely presentation of *The State of the World's Forest Genetic Resources*, and reiterated that FAO remains committed to supporting countries in the preparation of their Country Reports. He indicated his appreciation for the recommendations made in the area of biotechnologies for the conservation, sustainable use and improvement of forest genetic resources and the need to transfer relevant knowledge and technologies between countries. Mr Jose Antonio Prado Donoso thanked the Chair for his excellent guidance and expressed his appreciation to the Secretariat and all FAO staff for their dedicated work in the preparation of and during this first session of the Working Group.

37. In his closing remarks, the Chair stated that this first session had been highly successful and thanked the Working Group and Observers for their insight and positive contributions. He also thanked the Secretariat and the *Rapporteur* for their excellent work and expressed appreciation for the dedicated efforts of interpreters and translators.

APPENDIX A

**INTERGOVERNMENTAL TECHNICAL WORKING GROUP
ON FOREST GENETIC RESOURCES**

First Session

Rome, 4 - 6 April 2011

AGENDA

1. Election of Chair, Vice-Chairs and *Rapporteur*
2. Adoption of the agenda and timetable
3. Preparation of *The State of the World's Forest Genetic Resources*
4. Biotechnologies and the conservation and utilization of forest genetic resources
5. Review of the Commission's Multi-Year Programme of Work – Forest genetic resources
6. Other business
7. Adoption of the Report

APPENDIX B

LIST OF DOCUMENTS**Working Documents**

CGRFA/WG-FGR-1/11/1	Provisional agenda
CGRFA/WG-FGR-1/11/2	Progress Report on the preparation of <i>The State of the World's Forest Genetic Resources</i>
CGRFA/WG-FGR-1/11/2 Add. 1	Human and financial resources requirements
CGRFA/WG-FGR-1/11/3	Status and trends of biotechnologies applied to the conservation and utilization of genetic resources for food and agriculture and matters relevant for their future development
CGRFA/WG-FGR-1/11/4	Review of the Commission's Multi-Year Programme of Work – Forest Genetic Resources

Information Documents

CGRFA/WG-GR-1/11/Inf.1	Guidelines for the preparation of Country Reports for <i>The State of the World's Forest Genetic Resources</i>
CGRFA/WG-GR-1/11/Inf.2	Report of the Regional Training Workshops in Ecuador and the Republic of the Congo for FAO's <i>State of the World's Forest Genetic Resources</i> for the finalization of Guidelines
CGRFA/WG-GR-1/11/Inf.3	Report of the Regional Training Workshop for National Focal Points in Latin America, Cali, Colombia – November 2010
CGRFA/WG-GR-1/11/Inf.4	Report of the Regional Training Workshop for National Focal Points in the Pacific, Fiji – January 2011
CGRFA/WG-GR-1/11/Inf.5	List of documents
CGRFA/WG-GR-1/11/Inf.6	Practical information for participants
CGRFA/WG-GR-1/11/Inf.7	Statutes of the Intergovernmental Technical Working Group on Forest Genetic Resources and Members elected by the Twelfth Regular Session of the Commission

APPENDIX C

**MEMBERS OF THE INTERGOVERNMENTAL TECHNICAL WORKING GROUP
ON FOREST GENETIC RESOURCES,
ELECTED AT THE TWELFTH REGULAR SESSION OF THE
COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

19 – 23 October 2009

<i>Composition (no. of countries per region)</i>	<i>Country</i>
Africa (5)	Burundi Côte d'Ivoire Democratic Republic of the Congo Tunisia Zambia
Asia (5)	Bhutan India Indonesia Myanmar Philippines
Europe (5)	Finland France Italy Norway Spain
Latin America and the Caribbean (5)	Brazil Chile Cuba Ecuador El Salvador
Near East (3)	Islamic Republic of Iran Lebanon Yemen
North America (2)	Canada United States of America
Southwest Pacific (2)	Papua New Guinea Vanuatu

APPENDIX D – ANNEXE D – ANEXO D

**LIST OF DELEGATES AND OBSERVERS
LISTE DES DÉLÉGUÉS ET OBSERVATEURS
LISTA DE DELEGADOS Y OBSERVADORES**

Chairperson:	Mr Tore Skroppa
Président:	(Norway)
Presidente:	
Vice-Chairpersons:	Ms Tannis Beardmore
Vice-présidents:	(Canada)
Vicepresidentes:	
	Mr Eduardo Gándara Welch
	(Chile)
	Mr Adjumane Aimé Kadio
	(Côte d'Ivoire)
	Mr Anwar Kozah
	(Lebanon)
	Mr Robert Kiapranis
	(Papua New Guinea)
	Mr Elpidio Rimando
	(Philippines)
Rapporteur:	Mr Kinley Tenzin
	(Bhutan)

**MEMBERS OF THE WORKING GROUP
MEMBRES DU GROUPE DE TRAVAIL
MIEMBROS DEL GRUPO DE TRABAJO**

BHUTAN - BHOUTAN - BHUTÁN

Head of Delegation

Mr Kinley TENZIN
Renewable Natural Resources
Research and Development Center
Yusipang
Thimphu
Email: kktenzin@druknet.bt

BRAZIL - BRÉSIL - BRASIL

Head of Delegation

Mr Olyntho VIEIRA
Minister
Deputy Permanent Representative to FAO
Rome

Alternate(s)

Mr Fabiano SOARES E SOARES
Attaché
Alternate Permanent Representative to
FAO
Rome

Mr Pedro BRANCANTE MACHADO
Secretary
Alternate Permanent Representative to
FAO
Rome

BURUNDI

Chef de déléation

M Emmanuel NDEREYIMANA
Chef de Service Aménagement et Gestion
des Ressources Forestières
Direction générale des forêts et de
l'environnement
Département des forêts
Ministère de l'eau, de l'environnement, de
l'aménagement du territoire, et de
l'urbanisme
B.P. 631 - Avenue de la Cathédrale
Bujumbura
Phone: +257 7947984/+257 22225012
Email: ndeemma2005@yahoo.fr

CANADA - CANADÁ

Head of Delegation

Ms Tannis BEARDMORE
NRCan-Canadian Forest Service
Hugh John Fleming Forestry Centre
1350 Regent St. S.
Fredericton, New Brunswick
E3A 5P7
Canada
Phone: (506) 452-3881
Fax: (506) 452-3525
Email: tbeardmo@nrca.gc.ca

CHILE - CHILI

Jefe de Delegación

Sr Eduardo GÁNDARA WELCH
Secretaría Técnica
Gerencia Forestal
Corporación Nacional Forestal
Av. Bulnes 285 of 603
Santiago
Phone: +56 26630387
Fax: +56 26630203
Email: eduardo.gandara@conaf.cl

CUBA

Jefe de Delegación

Sra. Orlidia HECHEVARRIA KINDELAN
Instituto Investigaciones Agro-Forestales
Calle 174#1723
La Habana
Phone: (0537) 2082189
Fax: (0537) 2084935
Email: orlidia@forestales.co.cu

CÔTE D'IVOIRE

Chef de délégation

M Adjumane Aimé KADIO
Conseiller Technique du Directeur Général
de la SODEFOR
Société de Développement des Forêts
Abidjan
Phone: (225) 22439446
Email: kadio.aime@gmail.com

**DEMOCRATIC REPUBLIC OF THE
CONGO –
RÉPUBLIQUE DÉMOCRATIQUE DU
CONGO –
REPÚBLICA DEMOCRÁTICA DEL
CONGO**

Chef de délégation

M Germain ZASY NGISAKO
Conseiller chargé des Forêts
Ministère de l'environnement, conservation
de la nature et tourisme
B.P. 12348
Av. Papa Ileo 15
Kinshasa-Gombe
Phone: +243 814124042
Email: zasygermain@gmail.com

ECUADOR - ÉQUATEUR

Jefe de Delegación

Sr Jorge GRIJALVA OLMEDO
Jefe del Programa de Forestería del INIAP
Instituto Nacional Autónomo de
Investigaciones Agropecuarias
Ecuador
Email:
jgrijalva55@hotmail.com/jorge.grijalva@i
niap.gob.ec

EL SALVADOR

Jefe de Delegación

Sra. Maria Eulalia JIMÉNEZ ZEPEDA
Ministro Consejero
Representante Permanente Adjunto ante la
FAO
Roma

FINLAND - FINLANDE - FINLANDIA

Head of Delegation

Ms Mari RUSANEN
Forest Geneticists
Finnish Forest Research Institute
P.O.Box 18
01301 Vantaa
Email: mari.rasunen@metla.fi

FRANCE - FRANCIA

Chef de délégation

M Pierre BOUILLON
Direction générale des politiques agricole,
agroalimentaire et des territoires
Service de la forêt, de la ruralité et du
cheval
Sous-direction de la forêt et du bois
Bureau des investissements forestiers
Ministère de l'alimentation, de l'agriculture
et de la pêche, de la ruralité et de
l'aménagement du territoire
78, rue de Varenne
Paris
Phone: 331 49 555126
Fax: 331 49 558406
Email: pierre.bouillon@agriculture.gouv.fr

INDONESIA - INDONÉSIE

Head of Delegation

Mr Agus Sriyadi BUDI SUTITO
 Deputy Director of Species Preservation
 and Utilization
 Director-General
 Forest Protection and Natural Conservation
 Ministry of Forestry
 Jakarta
 Phone: +62 215720227
 Email: asbsutito@yahoo.com

Mr Alireza MOHAJER

Attaché
 Alternate Permanent Representative to
 FAO
 Rome
 Phone: 06-5780334
 Fax: 06-5747636
 Email: missiranfao@missiranfao.191.it

Alternate(s)

Mr Danny RAHDIANSYAH
 Third Secretary
 Alternate Permanent Representative to
 FAO
 Rome

ITALY - ITALIE - ITALIA

Head of Delegation

Mr Pietro SEBASTIANI
 Ambassador
 Permanent Representative to FAO
 Rome

Alternate(s)

Mr Alberto MASCI
 Ministry of Agriculture, Food and Forestry
 Policy
 Via XX Settembre, 20
 Rome
 Email: a.masci@politicheagricole.gov.it

**IRAN (ISLAMIC REPUBLIC OF) –
 IRAN (RÉPUBLIQUE ISLAMIQUE D') -
 IRÁN (REPÚBLICA ISLÁMICA DEL)**

Head of Delegation

Mr Javad SHAKHS TAVAKOLIAN
 Ambassador
 Permanent Representative to FAO
 Rome
 Phone: 06-5743594
 Fax: 06-5747636
 Email: missiranfao@missiranfao.191.it

Mr Claudio MISCIA

Counsellor
 Deputy Permanent Representative to FAO
 Rome

Alternate(s)

Mr Seyed ZAREI
 Attaché
 Alternate Permanent Representative to
 FAO
 Rome
 Phone: 06-5780334
 Fax: 06-5747636
 Email: missiranfao@missiranfao.191.it

LEBANON - LIBAN - LÍBANO

Chef de délégation

Mr Anwar KOZAH
 Head
 Rural Development and Natural Resources
 Department
 Ministry of Agriculture
 Baalbeck El Hermel Area
 Phone: +9613842453
 Email: akozoh@hotmail.com

MYANMAR

Head of Delegation
 Mr Aung Zaw MOE
 Assistant Research Officer
 Forest Research Institute
 Forest Department
 Nay Pyi Taw
 Ministry of Forestry
 Phone: 09 067 416521
 Fax: 09 067 416521
 Email: aungzawm4@gmail.com

NORWAY - NORVÈGE - NORUEGA

Head of Delegation
 Mr Tore SKROPPA
 Senior Scientist
 Norwegian Forest and Landscape Institute
 Aas
 Email: Tore.Skroppa@skogoglandskap.no

**PAPUA NEW GUINEA –
PAPOUASIE-NOUVELLE-GUINÉE -
PAPUA NUEVA GUINEA**

Head of Delegation
 Mr Robert KIAPRANIS
 Programme Leader
 Forest Biology Programme
 PNG Forest Research Institute
 P.O Box 314
 Lae 411
 Morobe Province
 Phone: (675) 472 4188
 Fax: (675) 472 4357
 Email: rkiapranis@fri.pngfa.gov.pg

PHILIPPINES - FILIPINAS

Head of Delegation
 Mr Elpidio RIMANDO
 Philippine Focal Point
 Forest Genetic Resources
 Department of Environment and Natural
 Resources
 Ecosystems Research and Development
 Bureau
 College, Laguna

SPAIN - ESPAGNE - ESPAÑA

Jefe de Delegación
 Sr Santiago MENÉNDEZ DE LUARCA
 Representante Permanente Adjunto ante la
 FAO
 Roma
 Phone: 06 6878762
 Fax: 066873076
 Email: smenendez@mapya.es

Suplente(s)

Sr Elías GUÍA
 Agregado Agrícola
 Representante Permanente Alterno ante la
 FAO
 Roma
 Phone: 06 6869539
 Fax: 06 6873076
 Email: eliasguia@tiscali.it

Eduardo NOTIVOL
 Investigador
 Unidad de Recursos Forestales
 Centro de Investiación y Tecnología
 Agroalimentaria (CITA)
 Gobierno de Aragón
 Avda. de Montañana'
 830, 50059 Zaragoza
 Phone: + 34 976 716372
 Fax: + 34 976 716335
 Email: enotivol@aragon.es

TUNISIA - TUNISIE - TÚNEZ

Chef de délégation
 M Abid HABIB
 Directeur de la conservation des forêts
 Ministère de l'agriculture et de
 l'environnement
 30, rue Alain Savary
 Tunis
 Phone: +216 71 891141
 Fax: +216 71 891141
 Email: habibabid2101@yahoo.fr

**UNITED STATES OF AMERICA -
ÉTATS-UNIS D'AMÉRIQUE –
ESTADOS UNIDOS DE AMÉRICA**

Head of Delegation

Ms Sarah D. HANSON
Agricultural Attaché
Alternate Permanent Representative to
FAO
Rome
Phone: +39 06 46743536
Fax: +39 06 4674 3520
Email: Sarah.hanson@fas.usda.gov

VANUATU

Head of Delegation

Mr Hannington TATE
Principal Forest Officer, Policy
Department of Forests
Private Mail Bag 9064
Port Vila
Phone: (+678) 23171
Fax: (+678) 23856
Email: hanington_tate@yahoo.com

YEMEN - YÉMEN

Head of Delegation

Mr Anwer Abdulhameed QAHTAN
Director of Forests
Ministry of Agriculture
Al-Kuwait Street
Sana'a
Phone: 009671 250977
Email: anwer_ka2000@yahoo.com

Alternate(s)

Mr Nabil Ali ABDULKADER
Counsellor
Alternate Permanent Representative to
FAO
Rome
Phone: 06.4423.1679
Fax: 06.4423.4763
Email: segreteria@yemenembassy.it

ZAMBIA - ZAMBIE

Head of Delegation

Mr Wiseman L. SANGULUBE
Chief Extension Officer
Forestry Department
Ministry of Tourism, Environment and
Natural Resources
Lusaka
Email: wlsangulube@mtenr.gov.zm

**OBSERVERS FROM COUNTRIES MEMBERS OF THE COMMISSION
OBSERVATEURS DE PAYS MEMBRES DE LA COMMISSION
OBSERVADORES DE PAISES MIEMBROS DE LA COMISION**

ALGERIA - ALGÉRIE – ARGELIA

Chef de délégation
Mme Ghania BESSAH
Sous-directrice
Parcs Nationaux et des Groupements
Végétaux Naturels
Direction générale de forêts
Ministère de l'agriculture et du
développement rural
Chemin Doudou Mokhtar
Ben Aknour
Alger 16000
Phone: 00213(0) 21915286
Email: gh_bessah@yahoo.fr

ARGENTINA - ARGENTINE

Jefe de delegación
Sra. Andrea S. REPETTI
Consejero
Representante Permanente Alterna
ante la FAO
Roma
Phone: 00.39.06.4807.
Fax: 00.39.06.489.06.984
Email: FAOPRARG1@Interfree.it

BELGIUM - BELGIQUE - BÉLGICA

Chef de délégation
M Alain SERVAIS
Représentant et Coordinateur du rapport sur les ressources
Direction Générale Agriculture Ressources Naturelles et Environnement
DNF - Direction des Ressources Forestières
I. d'Aye. Rue André Feher, 2
B-6900 MARCHE-EN-FAMENNE
Phone: +32 084/31.65.97
Fax: +32 084/32.22.35
Email: alain.servais@spw.wallonie.be

Ms Kristine VANDER MIJNSBRUGGE
Forest Engineer
Gaverstraat 4,
9500 Geraardsbergen
Phone: +32 54 43 71 46
Email: kristine.vandermijnsbrugge@inbo.be

CAMBODIA - CAMBODGE - CAMBOYA

Chef de délégation
Mr. Phourin CHHANG
Researcher of Forestry Administration
No 40 Norodom Blvd
Phnom Penh
Email: c_phourin@yahoo.com

COLOMBIA - COLOMBIE

Jefe de delegación
Sra. Beatriz CALVO
Consejero
Representante Permanente Adjunto ante la FAO
Roma

COSTA RICA

Jefe de delegación
Sr Fernando SÁNCHEZ
Embajador
Representante Permanente ante la FAO
Via G.B. Benedetti, 3
00197 Roma

Sr Orlando GUZMAN
Segundo Secretario (designado)
Embajada de la República de Costa Rica
ante la Santa Sede
(Representación Permanente ante la FAO)
Via G.B. Benedetti, 3
00197 Roma
Email: o.guzman@alice.it

Sra. Greta PREDELLA
Asistente
Misión Permanente de Costa Rica ante
los Organismos de Naciones Unidas
Roma
Phone: 0680660390
Email: misfao2005@yahoo.it

CYPRUS - CHYPRE - CHIPRE

Head of Delegation
Ms Christina PITTA
Agricultural Attaché
Alternate Permanent Representative to FAO
Rome
Phone: +39 06 6865758
Fax: +39 06 68803756
Email: cpitta1472@gmail.com

**DEMOCRATIC PEOPLE'S REPUBLIC OF
KOREA –
RÉPUBLIQUE POPULAIRE
DÉMOCRATIQUE DE CORÉE -
REPÚBLICA POPULAR DEMOCRÁTICA
DE COREA**

Head of Delegation
Mr Tae Song HAN
Ambassador Extraordinary and Plenipotentiary
Permanent Representative to FAO
Rome
Phone: 0654220749
Fax: 0654210090
Email: ekodpr@alice.it

Mr Hyo Sik KIM
Counsellor
Deputy Permanent Representative to FAO
Rome
Phone: 0654220749
Fax: 0654210090
Email: ekodpr@alice.it

Mr Chol Min KIM
Alternate Permanent Representative to FAO
Rome
Phone: 0654220749
Fax: 0654210090
Email: ekodpr@alice.it

ESTONIA - ESTONIE

Head of Delegation
Ms MARET PARV
Senior Officer
Tallinn

GERMANY - ALLEMAGNE - ALEMANIA

Head of Delegation
Ms Michaela HAVERKAMP
Senior Officer
Forest Genetic Resources
Federal Office for Agriculture and Food Information
and Coordination Centre for Biological Diversity
Deichmanns Aue 29
D-53179 Bonn
Phone: +49 (0)228 99 6845-3385 (-3237 Sek.)
Fax: +49 (0)228 6845-3105
Email: michaela.haverkamp@ble.de

HONDURAS

Jefe de delegación
Sra. Mayra REINA DE TITTA
Ministro Consejero
Encargado de Negocios, a.i.
Representante Permanente Adjunto ante la FAO
Roma

Mr. Carlos Rene ROMERO
Vice - Ministro Desarrollo Forestal
Tegucigalpa

KENYA

Head of Delegation
Ms Jacinta Muthoni NGWIRI
Agricultural Attaché
Alternate Permanent Representative to FAO
Rome

MALAYSIA - MALAISIE - MALASIA

Head of Delegation

Mr Azman MOHD SAAD
 Agriculture Attaché
 Alternate Permanent Representatives to FAO
 Rome
 Phone: +39068417026
 Fax: +39068555110
 Email: agrimoa.rome@ambasciatamalaysia.it

Mr Azhar MOHD ISA
 Assistant Agriculture Attaché
 Alternate Permanent Representative to FAO
 Rome
 Phone: +39068411339
 Fax: +39068555110
 Email: aaa.rome@ambasciatamalaysia.it

POLAND - POLOGNE - POLONIA

Head of Delegation

Mr Czesław KOZIOL
 Director
 Forest Gene Bank Kostrzyca - State Forests
 Milków 300
 58-535 Milków
 Phone: +48 757131 048
 Fax: +48 757131 754
 Email: czeslaw.koziol@lbg.lasy.gov.pl

SAUDI ARABIA - ARABIE SAOUDITE - ARABIA SAUDITA

Head of Delegation

Mr Saad bin majid AL MAJID
 Agricultural Affairs Department of Riyadh
 Ministry of Agriculture
 Riyadh

SURINAME

Head of Delegation

Mr Rewiechand MATAI
 Director
 Forestry Economics Division
 Foundation for Forest Management and Production Control
 Dr Martin Luther Kingweg perc. no.283
 Paramaribo
 Phone: (597) 483131
 Fax: (597) 483051

Ms Farida NARSING
 Deputy Director
 Legal Division
 Foundation for Forest Management and Production
 Control (SBB)
 Dr Martin Luther Kingweg perc. no.283
 Paramaribo
 Phone: (597) 483131
 Fax: (597) 483051
 Email: sbbsur@sr.net

TURKEY - TURQUIE - TURQUÍA

Head of Delegation

Mr Murat ALAN
 Forest Tree Seeds and Tree Breeding Research Directorate
 Orman Genel Müdürlüğü
 Gazi Tesisleri 3 Nolu Bina
 06560 Gazi/Ankara
 Phone: 0090 312.296 40 00
 Fax: 0090 312.212 39 60
 Email: islah@ortohum.gov.tr

Mr Tolgahan YALTALI
 Forest Engineer
 Ministry of Environment and Forestry
 Sogutozu Cad. 14/E
 Sogutozu-Bestepe
 Ankara
 Phone: 0090 5072614447
 Email: tyaltali@cob.goc.tr

ZIMBABWE

Head of Delegation
Ms Mary S. MUBI
Ambassador
Permanent Representative to FAO
Rome
Phone: 06 68308282
Fax: 06 68308324
Email: mary.mubi@gmail.com

Mr Tembani MDUDUZI
Forest Reserach Centre
The Forestry Commission of Zimbabwe
1 Orange Grove Drive
Highlands
Harare
Phone: 263-4-498436
Fax: 263-4-497066
Email: tembani@frchigh.co.zw

Mr Tendai NHEKEDZA
Counsellor
Alternate Permanent Representative to FAO
Rome
Phone: 06 68302424
Fax: 0668308324
Email: tnhekedza@yahoo.co.uk

**REPRESENTATIVES OF UNITED NATIONS AND SPECIALIZED AGENCIES
REPRÉSENTANTS DES NATIONS UNIES ET INSTITUTIONS SPÉCIALISÉES
REPRESENTANTES DE NACIONES UNIDAS Y ORGANISMOS ESPECIALIZADOS**

**UNITED NATIONS CONVENTION ON BIOLOGICAL DIVERSITY
CONVENTION DES NATIONS UNIES SUR LA DIVERSITÉ BIOLOGIQUE
CONVENIO DE LAS NACIONES UNIDAS SOBRE LA DIVERSIDAD BIOLÓGICA**

Dr Ian THOMPSON
Convention on Biological Diversity
c/o 1219 Queen St. east
Sault Ste. Marie, Ontario
Canada
P6A 2E5
Phone: + 1 705 541 5644
Fax: 705 541 5700
Email: ian.thompson@nrca.gc.ca

**OBSERVERS FROM INTERGOVERNMENTAL ORGANIZATIONS
OBSERVATEURS DES ORGANISATIONS INTERGOUVERNEMENTALES
OBSERVADORES DE LAS ORGANIZACIONES INTERGUBERNAMENTALES**

**CONSULTATIVE GROUP ON INTERNATIONAL AGRICULTURAL RESEARCH
GROUPE CONSULTATIF POUR LA RECHERCHE AGRICOLE INTERNATIONALE
GRUPO CONSULTIVO SOBRE INVESTIGACIÓN AGRÍCOLA INTERNACIONAL**

BIOVERSITY INTERNATIONAL

Dr Judy LOO
Senior Scientist
Understanding and Managing Biodiversity
Biodiversity International

Dr Jarkko KOSKELA
Scientist
EUFORGEN Coordinator
Europe Group
Bioversity International

Dr Michele BOZZANO
Programme Specialist
Forest Genetic Resources
Capacity Development Unit
Bioversity International

**WORLD AGROFORESTRY CENTRE
CENTRE MONDIAL D'AGROFORESTERIE
CENTRO MUNDIAL DE AGROSILVICULTURA**

Mr Ian DAWSON
Associate Fellow
Scientist with SCRI
31 Westminster Road
York, YO30 6LZ, UK
Phone: +44 1904 628 367
Email: iankdawson@aol.com