

Forest protection

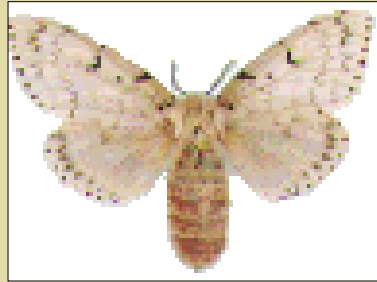


COFO 2007



Forest health

- Invasive species
- Insect pests
- Diseases



Threats to forests

Area affected:

At least 68 million
hectares
per year



**Substantial
environmental and
socio-economic losses**



Impact

- Tree survival
- Yield and quality of forest products



- Cultural values of forests
- Wildlife habitat
- Species biodiversity

Impact

- Disrupt natural fire cycles
- Deplete water
- Affect international trade in forest products



Impact livelihoods

Improving existing mechanisms

International Plant Protection Convention

- International framework for phytosanitary measures
- Includes all forest species



- How to strengthen country capacity to conform with IPPC standards?
- How to increase awareness?
- How to improve national cooperation?

Improving existing mechanisms

FAO Field Programme

- **How to extend field support and capacity to monitor and control pests?**



Enhancing cooperation

Regional invasive species networks

- How to promote, expand and link them?

Additional partnerships

- How to identify and formalize them?



Existing partners

- Asia-Pacific Invasive Species Network (APFISN)
- Bioversity International
- CABI
- Canadian Forest Service and Canadian Food Inspection Agency
- Forestry and Agricultural Research Institute (FABI), South Africa
- Federal Biological Research Centre for Agriculture and Forestry, Germany
- Forest Invasive Species Network for Africa (FISNA)
- International Forestry Research Quarantine Group (IFRQG)
- International Union of Forest Research Organizations (IUFRO)
- Global Invasive Species Programme (GISP)
- Forest Research, UK Forestry Commission
- United States Forest Service
- World Conservation Union (IUCN) Invasive Species Specialist Group



Forest protection

Fire management
Forest health



Fire management

**Global vegetation fires in 2000:
350 million ha**

**People are the main
cause of fires**



Fire management

- **Vegetation fire**
- **Many fires are beneficial**
- **Destructive fires require suppression**
- **Factor in climate change**
- **Smoke impacts human health**



Fire management strategy

Strategy to enhance international cooperation in fire management

Voluntary
guidelines:
principles
and strategic
actions



Implementation
Partnerships

Global
assessment
2006



Review of
international
cooperation
2006



Multistakeholder process

- Fire specialists and expert consultations
- Global assessment and review of international cooperation
- Voluntary guidelines
- Stakeholder feedback



Partner collaboration with FAO

- UNISDR Global Wildland Fire Network
- Regional fire management strategies
- Fourth International Wildland Fire Conference, May 2007
- Model international agreements
- Fire terminology
- Regional and national training
- Field projects



COFO guidance sought

- **Strategy and voluntary guidelines**
- **Monitoring and assessment**
- **Support to UNISDR Global Wildland Fire Network**
- **Field support**

