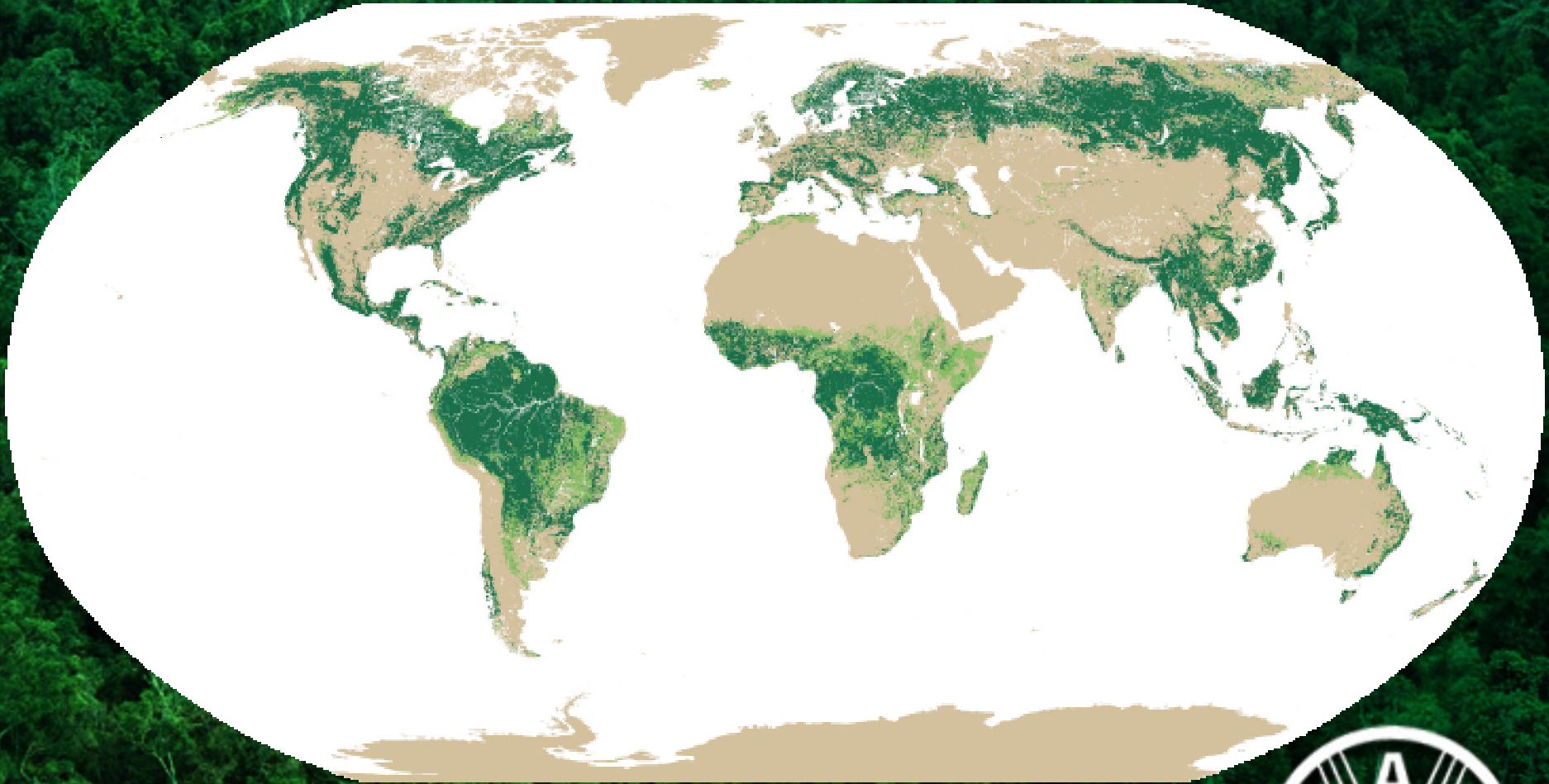


INTERNATIONAL INFORMATION NEEDS ON FOREST RESOURCES



Mette Wilkie, FAO



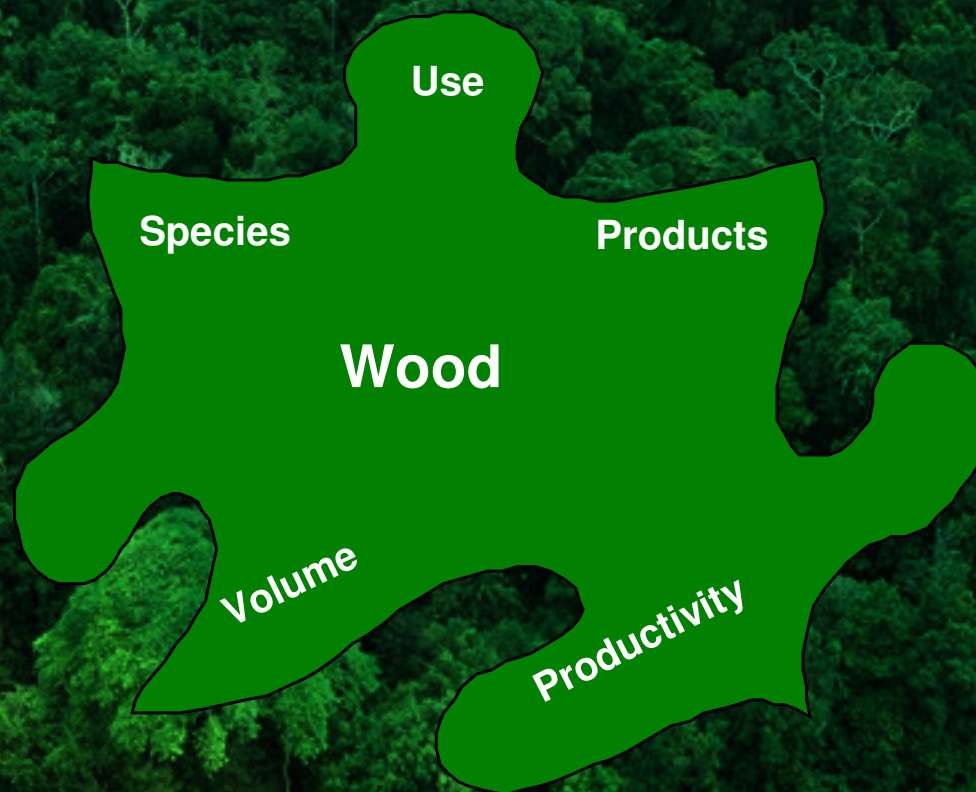
INCREASING DEMAND FOR INFORMATION

- Public awareness & debate (eg climate change, REDD, biodiversity)
- Policy development
- Industry and economic development
- Forest management options, actions & impacts
- National & international reporting obligations

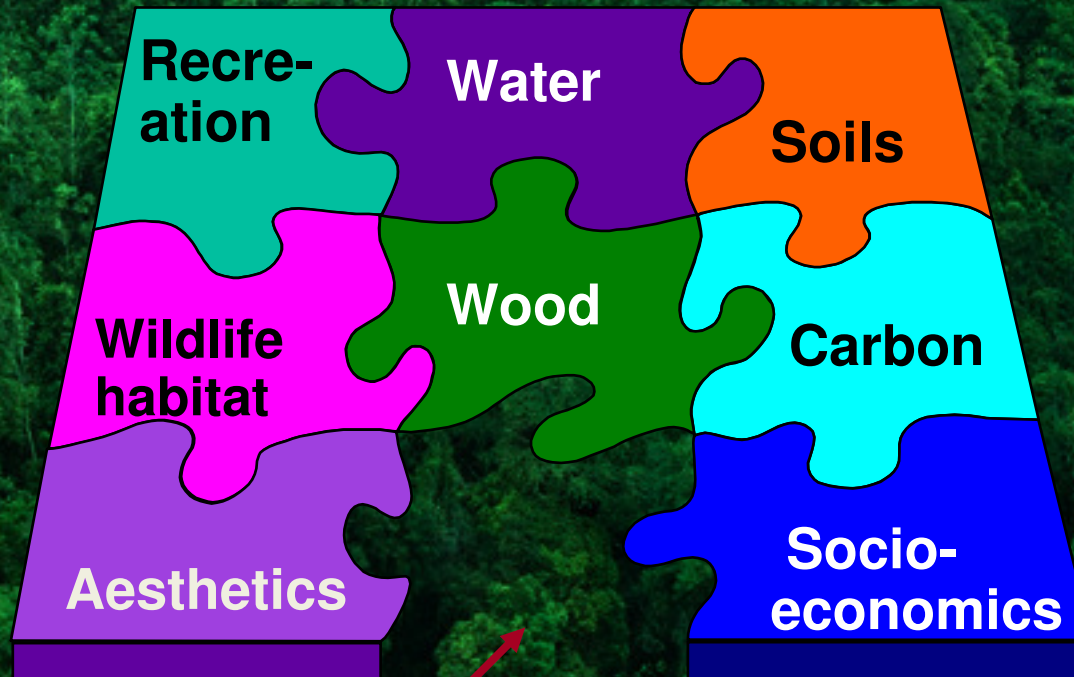


EARLY INFORMATION NEEDS

Demand and potential supply of wood



CHANGING VALUES - CHANGING DEMANDS



*New or future values
(e.g. climate change impacts)*



INTERNATIONAL INFORMATION NEEDS

1.MDG

2.UNFCCC

3.CBD

4.UNFF

5.C&I PROCESSES

6.FRA





MILLENNIUM DEVELOPMENT GOALS



Goal 7: Ensure environmental sustainability

Target 2: Reduce biodiversity loss

Indicators:

- 1. Proportion of land area covered by forest**
- 2. Proportion of terrestrial and marine areas protected**
- 3. Proportion of species threatened with extinction**



UNFCCC

1. Carbon stock changes:

- **Above-ground biomass**
- **Below-ground biomass**
- **Deadwood**
- **Litter**
- **Soil**

2. Deforestation rates

3. Forest degradation



2010 BIODIVERSITY TARGET

Trends in:

- 1. The extent of selected biomes, ecosystems and habitats**
- 2. Coverage of protected areas**
- 3. Abundance & distribution of selected species**
- 4. Status of threatened species**





2010 BIODIVERSITY TARGET

5. Genetic diversity

6. Invasive alien species

7. Area of forest ecosystems under sustainable management

8. Proportion of (wood) products derived from sustainable sources

9. Connectivity/fragmentation of ecosystems





GLOBAL OBJECTIVES ON FORESTS

1. Reverse the loss of forest cover through SFM, protection, restoration, afforestation and reforestation and increase efforts to prevent forest degradation
2. Enhance forest-based economic, social and environmental benefits



GLOBAL OBJECTIVES ON FORESTS

3. Increase the area of protected forests and other areas of sustainably managed forests, as well as the proportion of forest products from sustainably managed forests

4. Reverse the decline in official development assistance and mobilize new and additional financial resources

CRITERIA AND INDICATOR PROCESSES

1.Extent

2.Biodiversity

3.Health

4.Production

5.Protection

6.Socio-economics

7. Legal, policy, institutions



GLOBAL FOREST RESOURCES ASSESSMENT 2005

EXTENT OF FOREST
RESOURCES



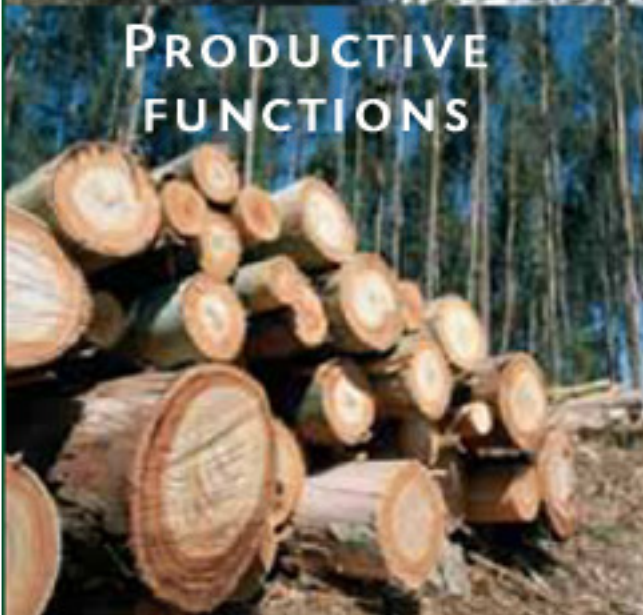
BIOLOGICAL
DIVERSITY



FOREST HEALTH
AND VITALITY



PRODUCTIVE
FUNCTIONS



PROTECTIVE
FUNCTIONS



SOCIO-ECONOMIC
FUNCTIONS



LEGAL, POLICY & INSTITUTIONAL FRAMEWORK



FRA 2010

1. Country reports
2. Remote sensing survey
3. Special studies
4. External data providers

 **Forestry Department**
Food and Agriculture Organization of the United Nations

GLOBAL FOREST RESOURCES
ASSESSMENT 2005

RUSSIAN FEDERATION

COUNTRY REPORT

Global Forest Resources Assessment 2005

Country Report 053
Rome, 2005

Global Forest Resources
Assessment 2005
Thematic study on mangroves



The IUCN Species Survival Commission

**2006 IUCN Red List of
Threatened
Species™**

COUNTRY REPORTS

T 1	Extent of forest and other wooded land
T 2	Forest ownership and management rights
T 3	Forest designation and management
T 4	Forest characteristics
T 5	Forest establishment and regeneration
T 6	Growing stock
T 7	Biomass stock
T 8	Carbon stock
T 9	Forest fires

T 10	Other disturbances affecting forest health and vitality
T 11	Wood removal and value of removal
T 12	NWFP removal and value of removal
T 13	Employment
T 14	Policy and legal framework
T 15	Institutional framework
T 16	Education and research
T 17	Public revenue collection and expenditure

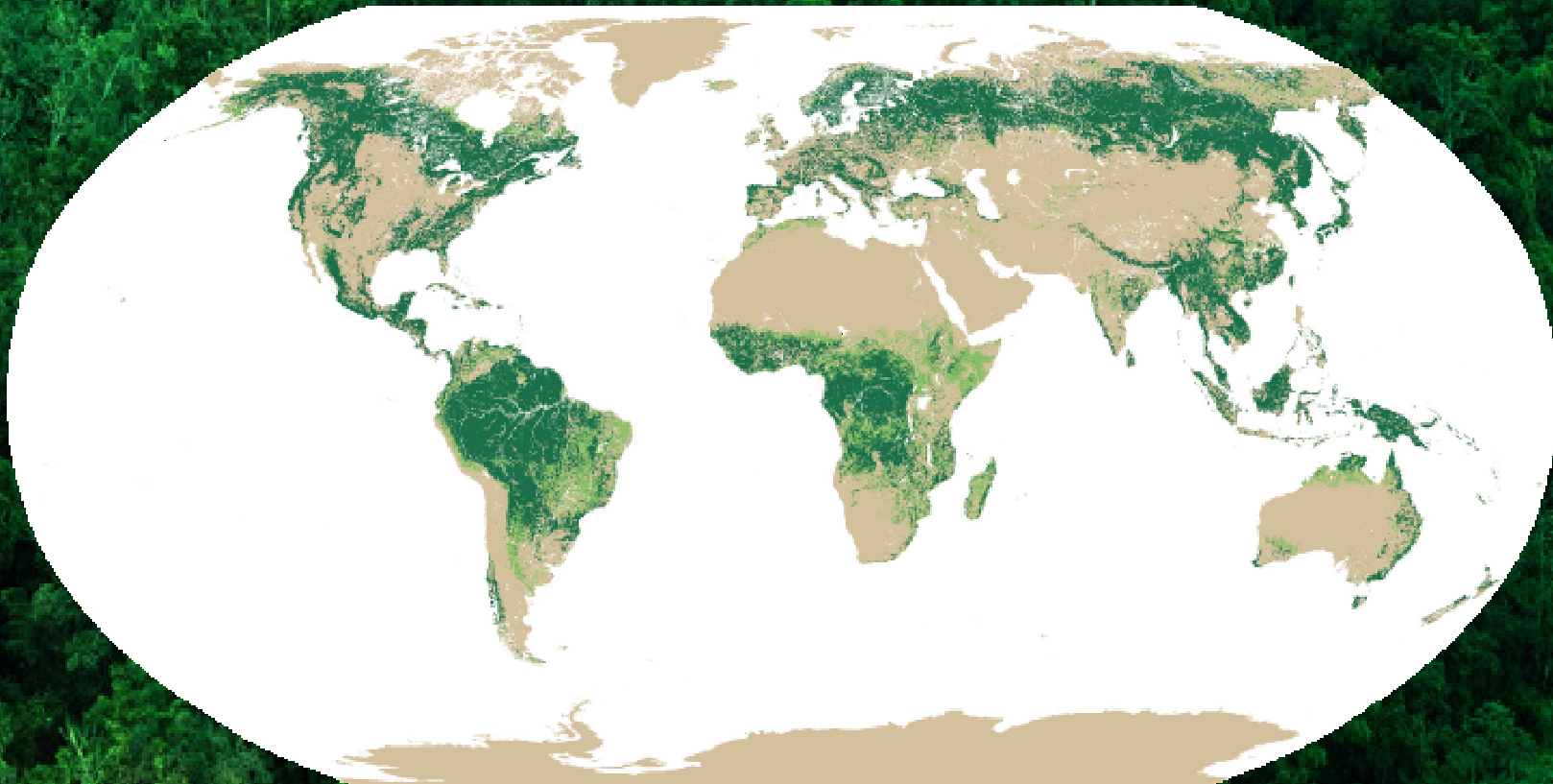


REMOTE SENSING SURVEY

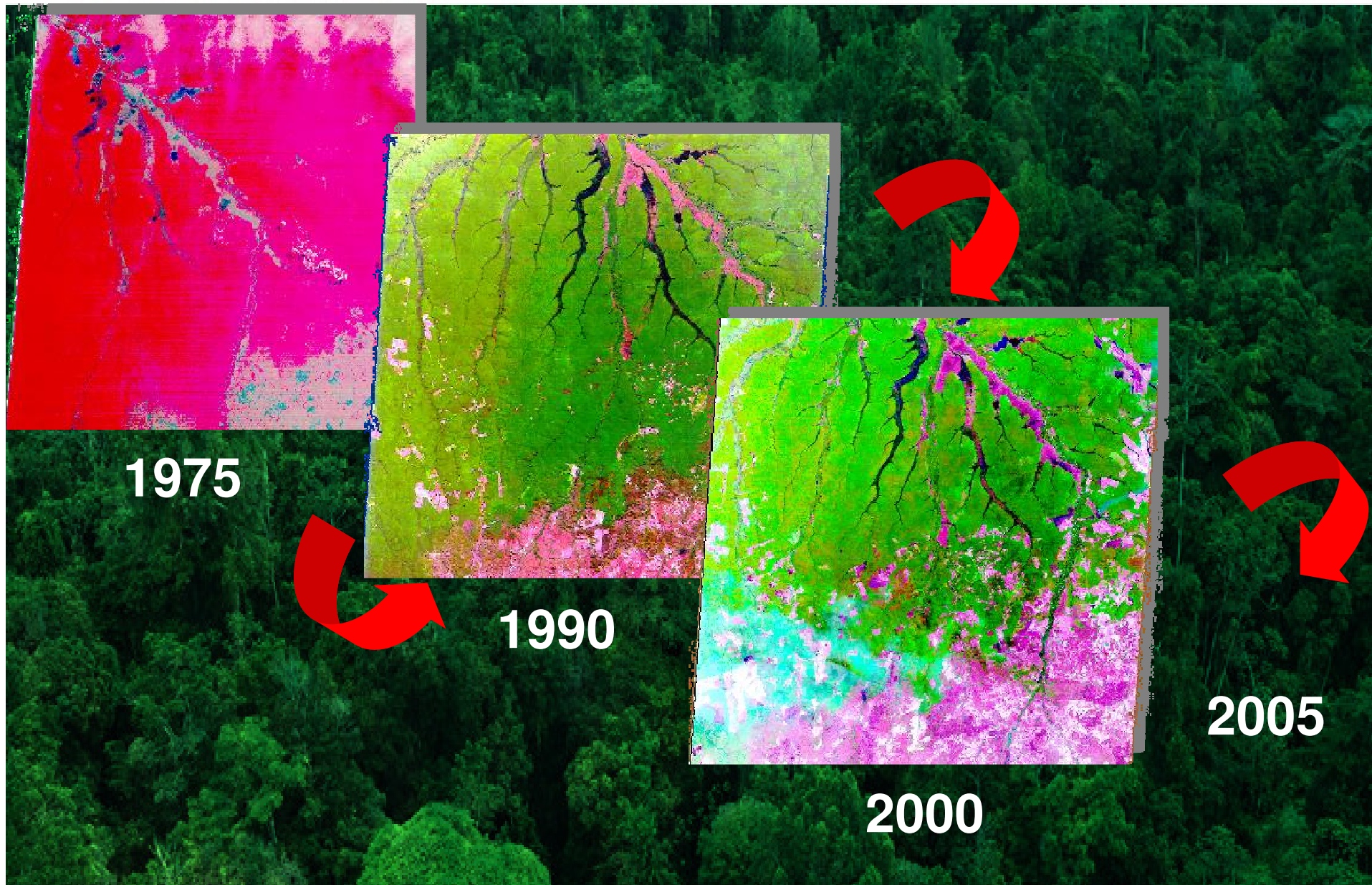
Distribution of forests

Trend statistics

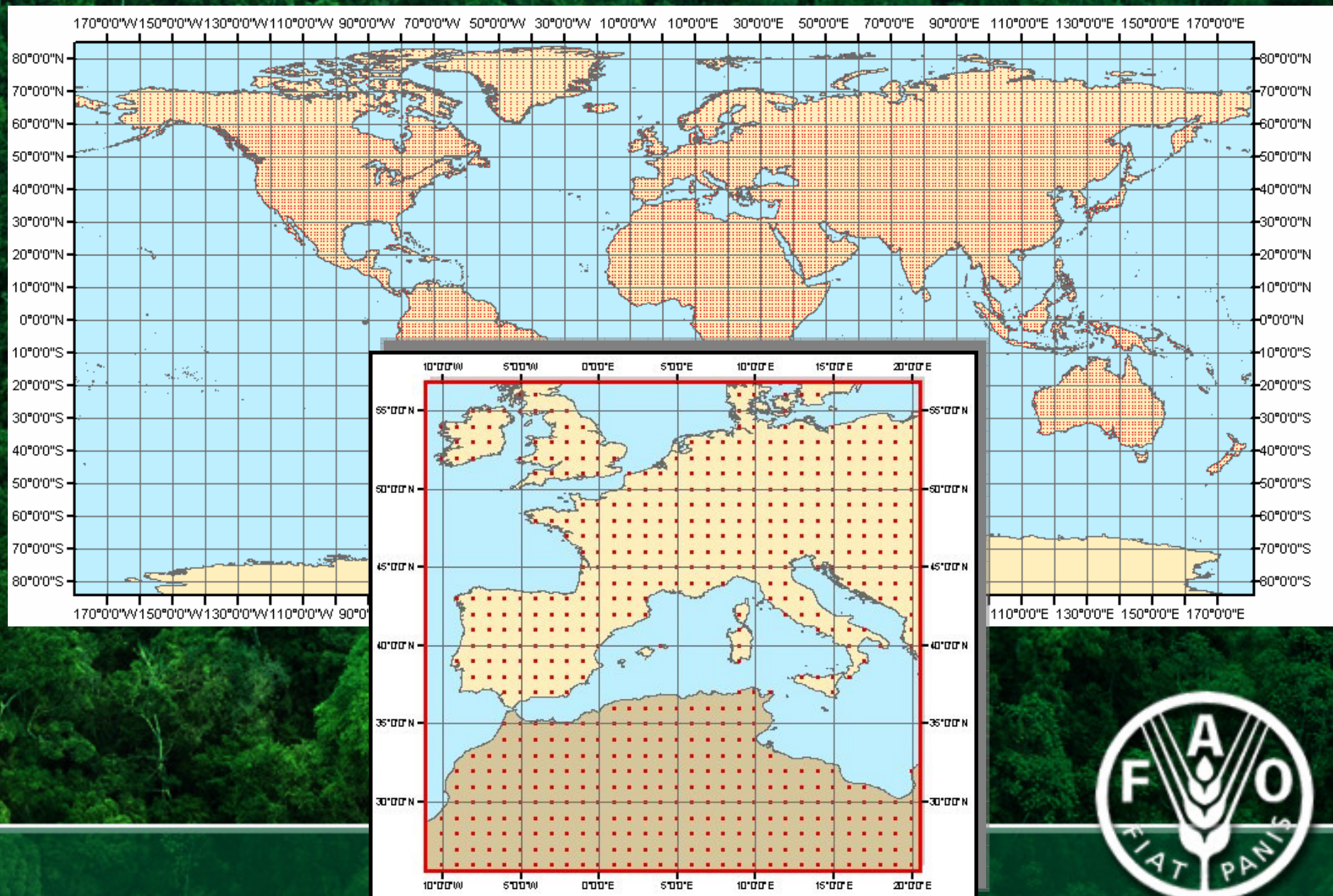
Regional, biome & global level



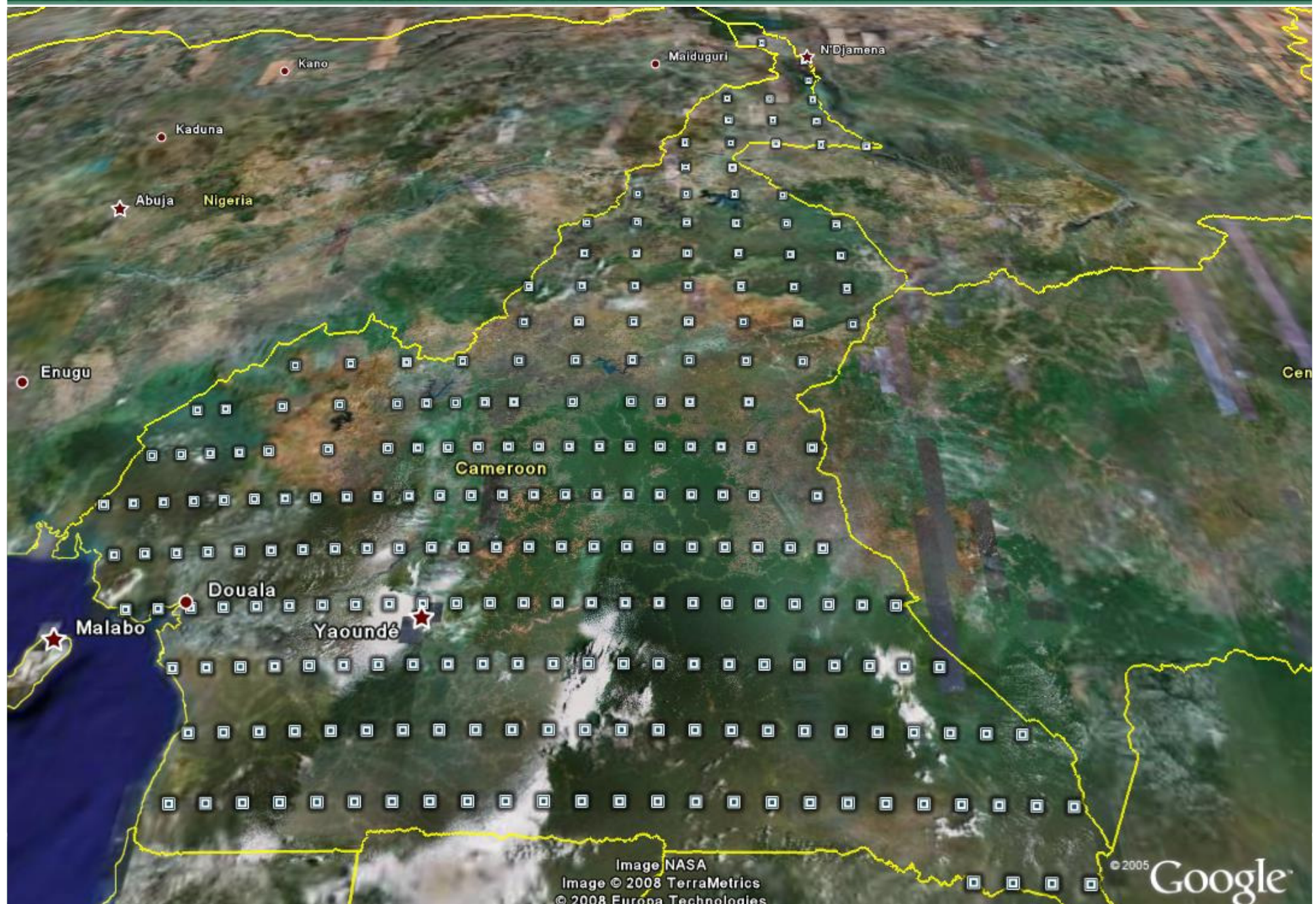
TIME LINE



SAMPLING DESIGN



LINK WITH NFIs & NFMAs



SPECIAL STUDIES

- **Forest degradation**
- **Trees outside forests**
- **Forest genetic resources**
- **Forest and poverty**
- **Non-wood forest products**
- **Forest policies and institutions**
- **....**

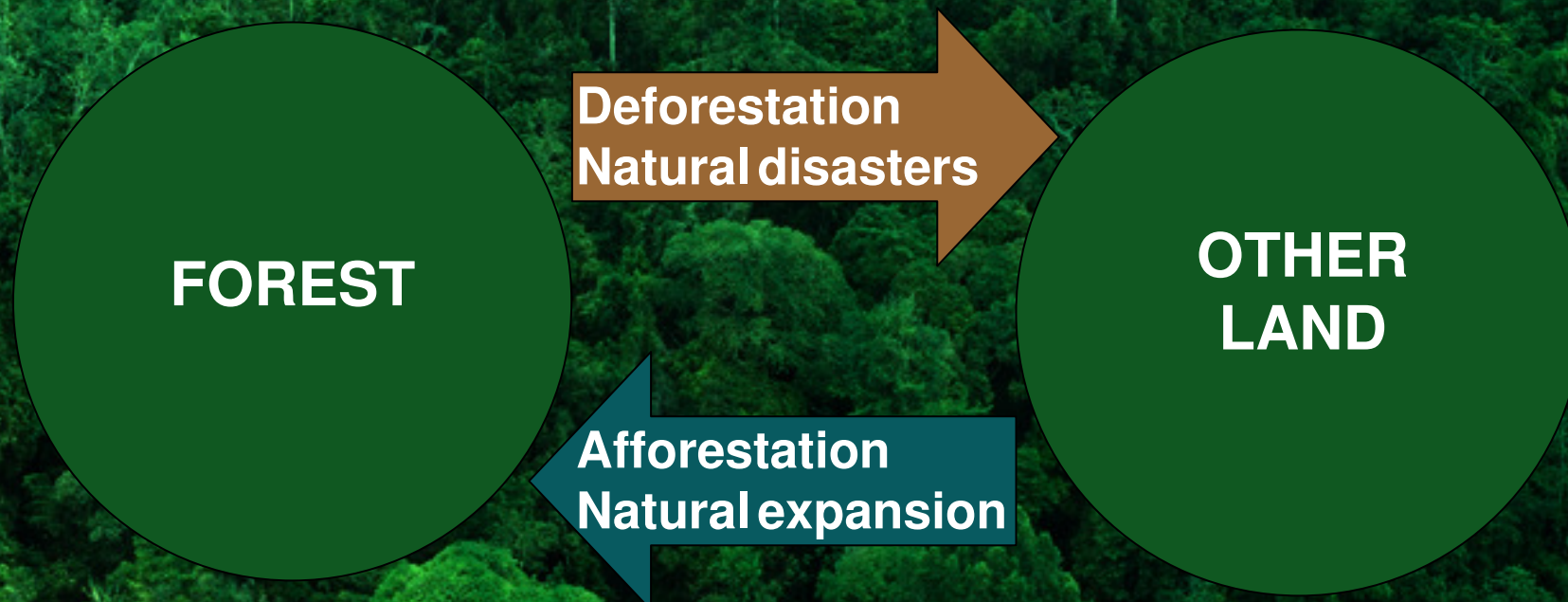


10 CHALLENGES FOR THE FUTURE

1. FOREST & LAND USE CHANGE DYNAMICS



FOREST CHANGE DYNAMICS



10 CHALLENGES FOR THE FUTURE

1. LAND USE CHANGE DYNAMICS

2. EXTENT OF TOFs

3. BIOMASS AND CARBON

4. NON-TREE RESOURCES

5. FOREST GENETIC RESOURCES



10 CHALLENGES FOR THE FUTURE

6. FOREST DEGRADATION

7. PROTECTIVE FUNCTIONS

8. REMOVAL & VALUE OF NTFP

9. SOCIO-CULTURAL FUNCTIONS

10. AREA OF FOREST UNDER SFM



INTERNATIONAL INFORMATION NEEDS

