

Global Forest Resources Assessment 2010



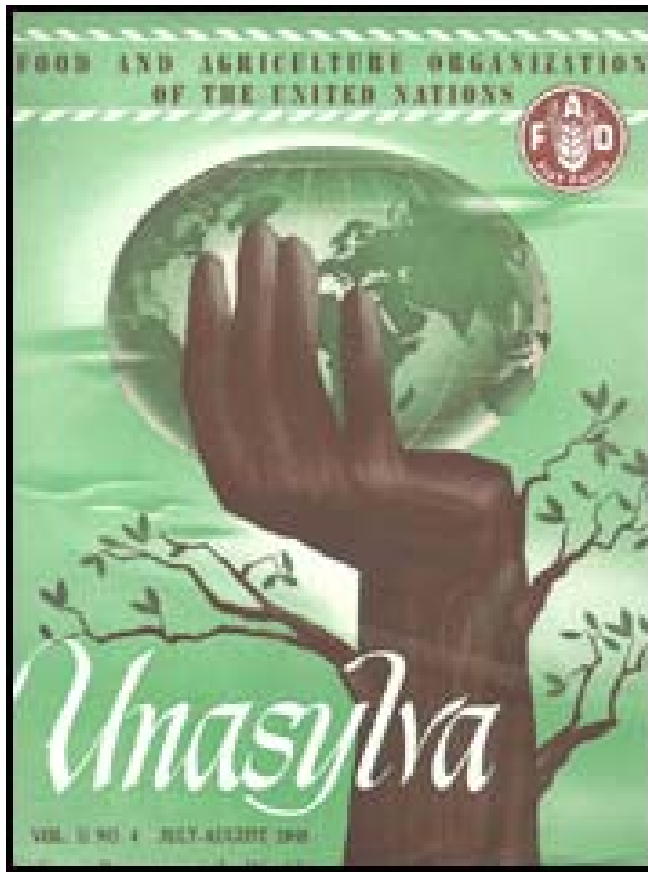
Mette Løyche Wilkie
FAO

1945

REQUEST FOR FIRST GLOBAL ASSESSMENT



1948



2.4 billion people

1948-2010: BIG CHANGES

billion people

2.4

3.2

4.4

5.2

6.1

6.9



1948

1963

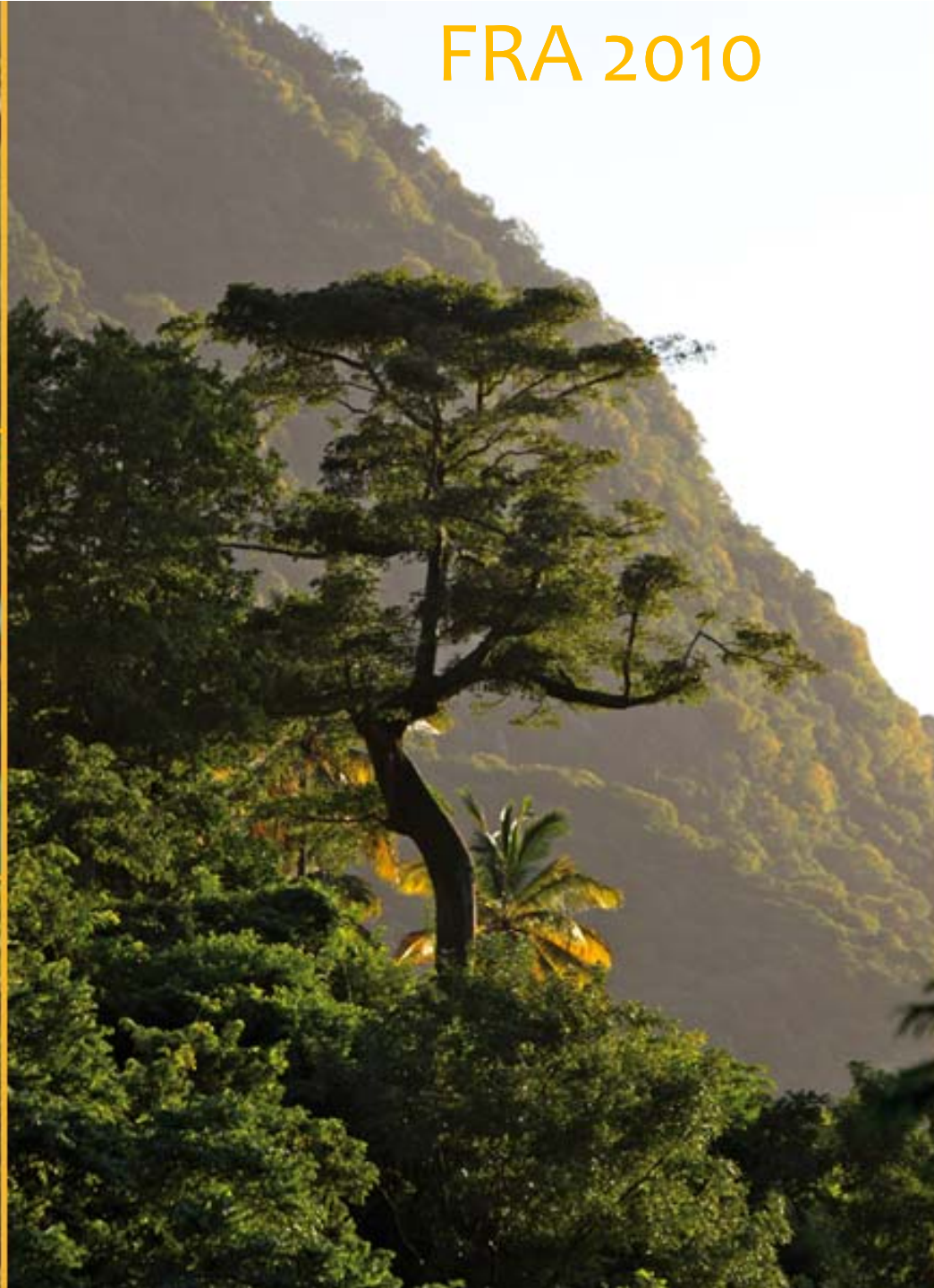
1980

1990

2000

2010

FRA 2010



FRA 2010

biodiversity

protection

health

socio-economy

production

laws and policy

extent



A large, leafy tree in a forest with a mountain in the background. The tree is the central focus, with its branches spreading out. The background shows a steep, forested mountain slope under a bright sky. The text is overlaid on the image in a clean, sans-serif font.

900 experts

178 countries

>20 international organizations



693 data points

233 countries

1990-2000-2005-2010

161 469
numbers

FOREST GOALS AND TARGETS



FOREST GOALS AND TARGETS



MDGs

Biodiversity

FOREST GOALS AND TARGETS



MDGs

Biodiversity

Global
Objectives
on Forests

A COMPREHENSIVE AND RELIABLE DOCUMENT

سلسلة
الدراسات
المرجعة للمعلومة

١٦٣

Global Forest
Assessment
Main report

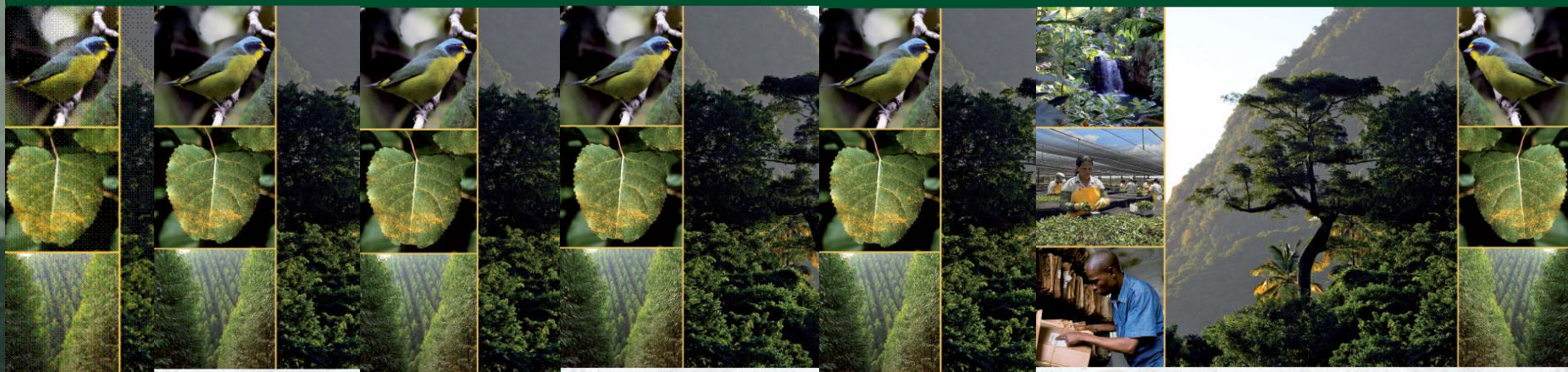
Evaluation de
forestières m
Rapport principal

Глобальная оце
ресурсов 2010 г
Основной отчет

Evaluación de los
forestales mundia
Informe principal

2010年森林
主报告

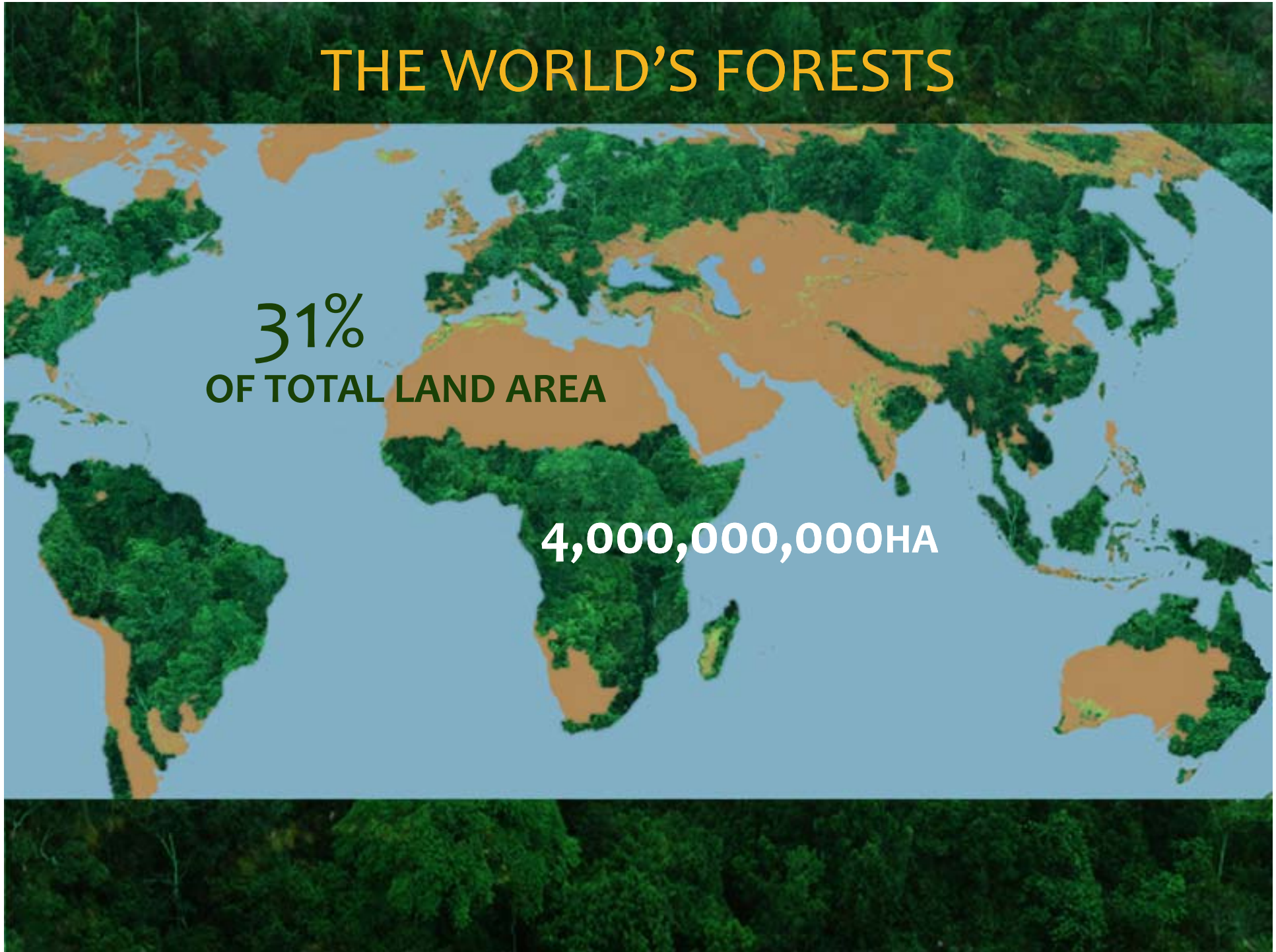
التقييم العالمي
لحالة الموارد الحرجية لعام ٢٠١٠
التقرير الرئيسي



THE WORLD'S FORESTS

31%
OF TOTAL LAND AREA

4,000,000,000HA



THE WORLD'S FORESTS



64 "LOW FOREST COVER COUNTRIES"

DEFORESTATION AND FOREST LOSS



2000-2010: 13 million ha/year

1990-2000: 16 million ha/year

AFFORESTATION AND FOREST EXPANSION

>7 million ha/year



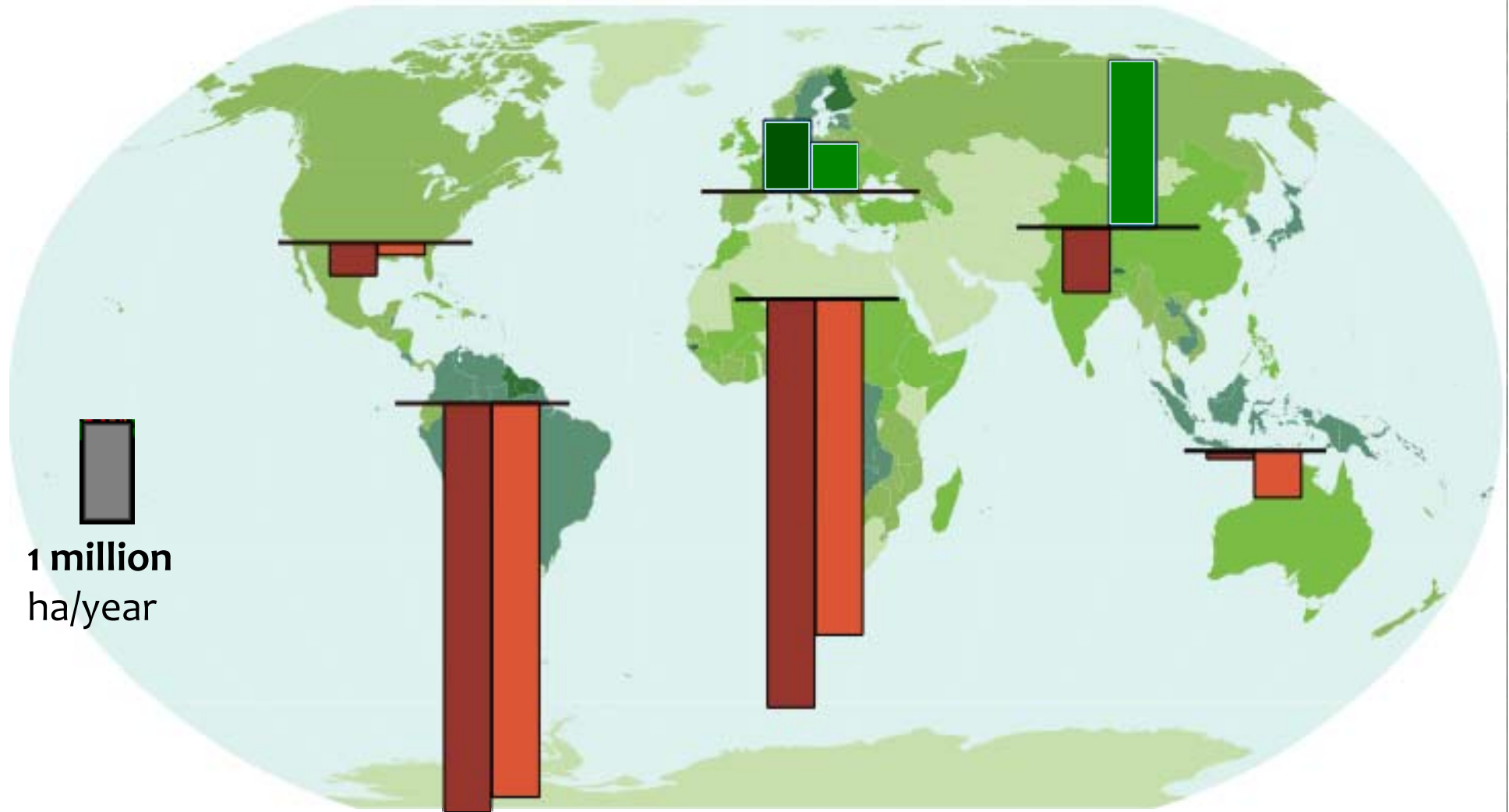
NET CHANGE= $\Sigma(\text{gain}) - \Sigma(\text{loss})$

1990-2000: -8.3 million ha/year

2000-2010: -5.2 million ha/year



REGIONAL TRENDS



Net loss

1990-2000

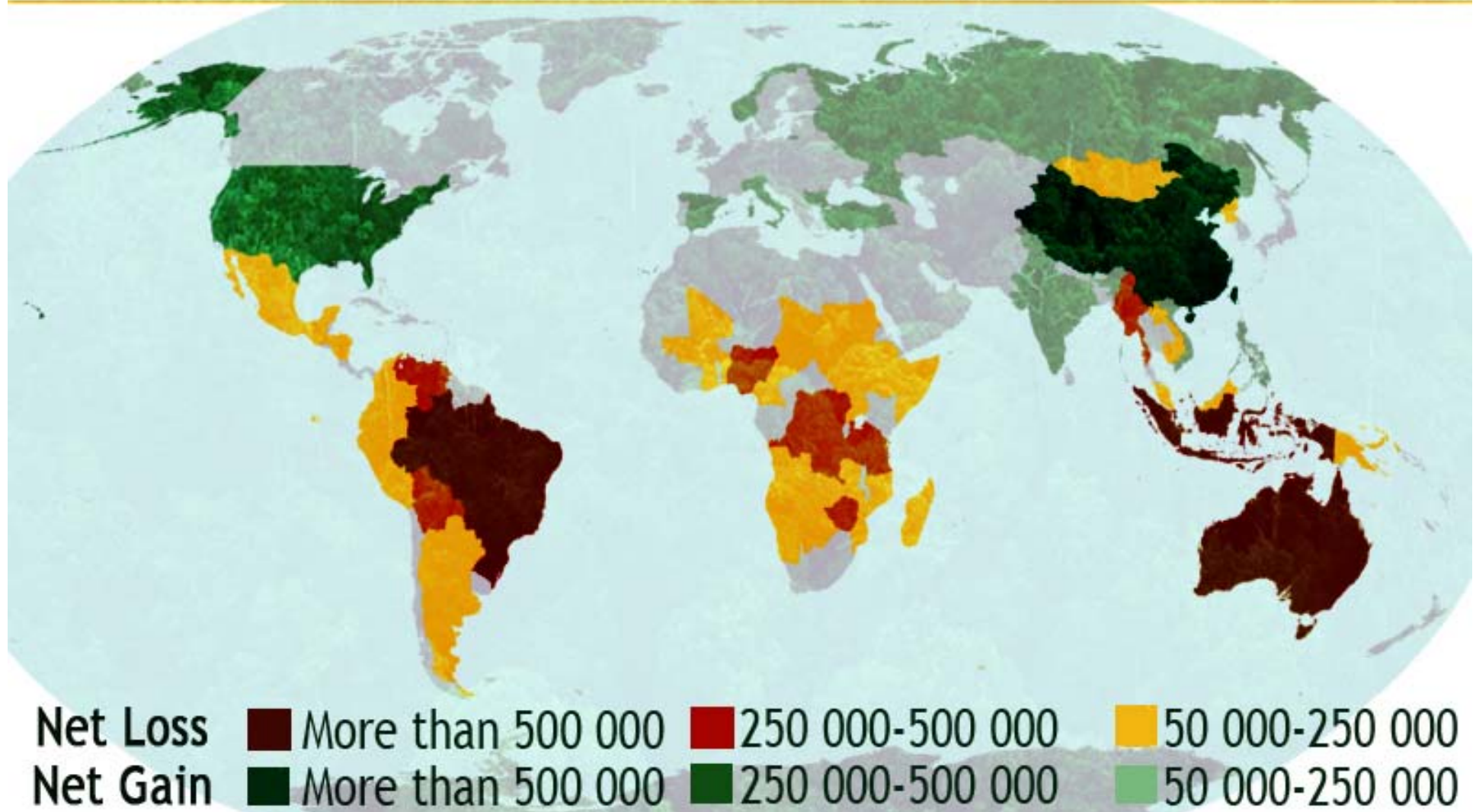
2000-2010

Net gain

1990-2000

2000-2010

NET CHANGE IN FOREST AREA 2005-2010 (ha/yr)



PRIMARY FORESTS

36% of the world's forests



MODIFIED NATURAL FORESTS

57% of the world's forests



PLANTED FORESTS

7% of the world's forests

75% native species, 25% introduced

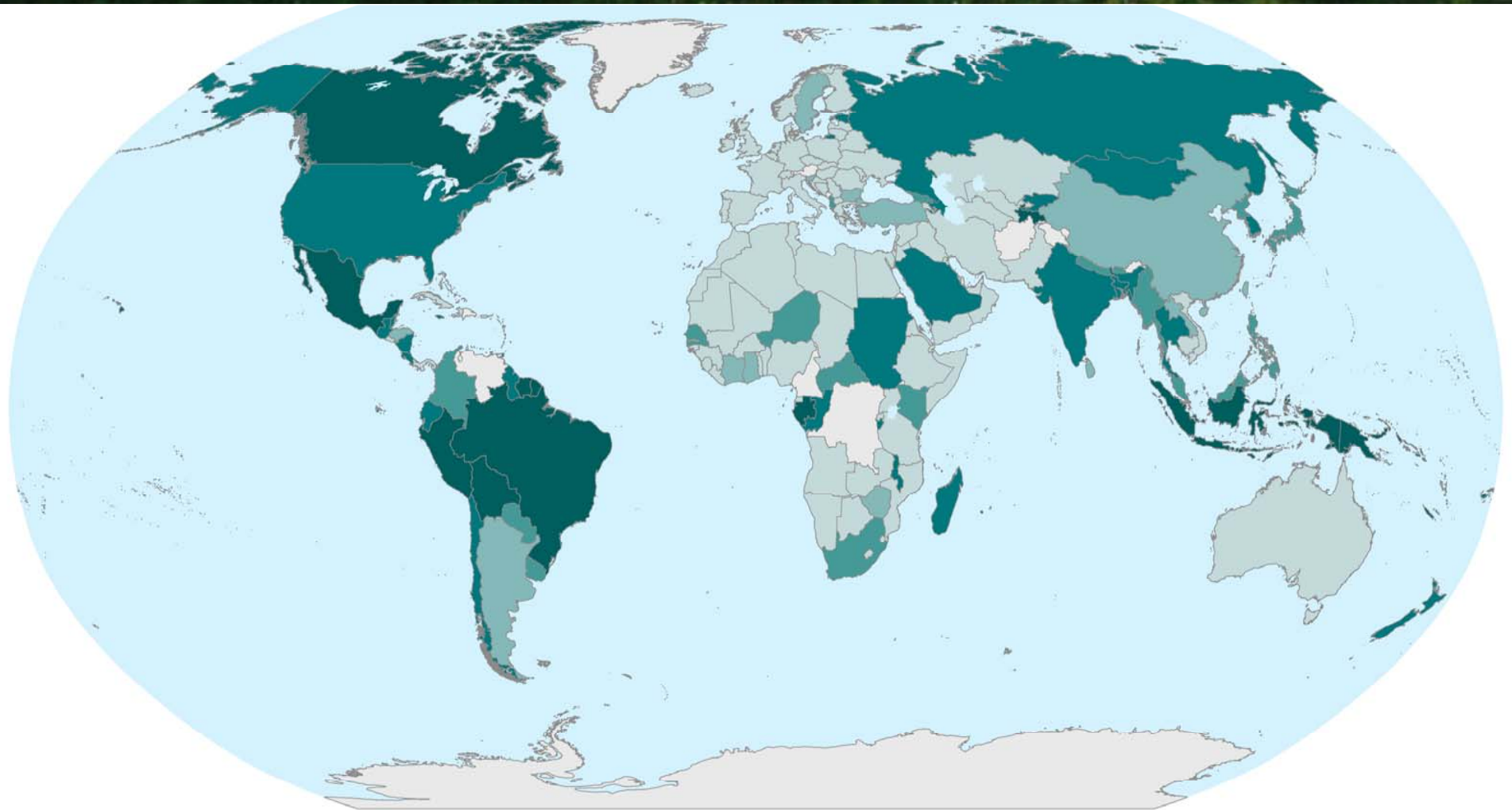
TRENDS

Primary forests:
Decrease of 4 million ha/year



Planted forests:
Increase of 5 million ha/year

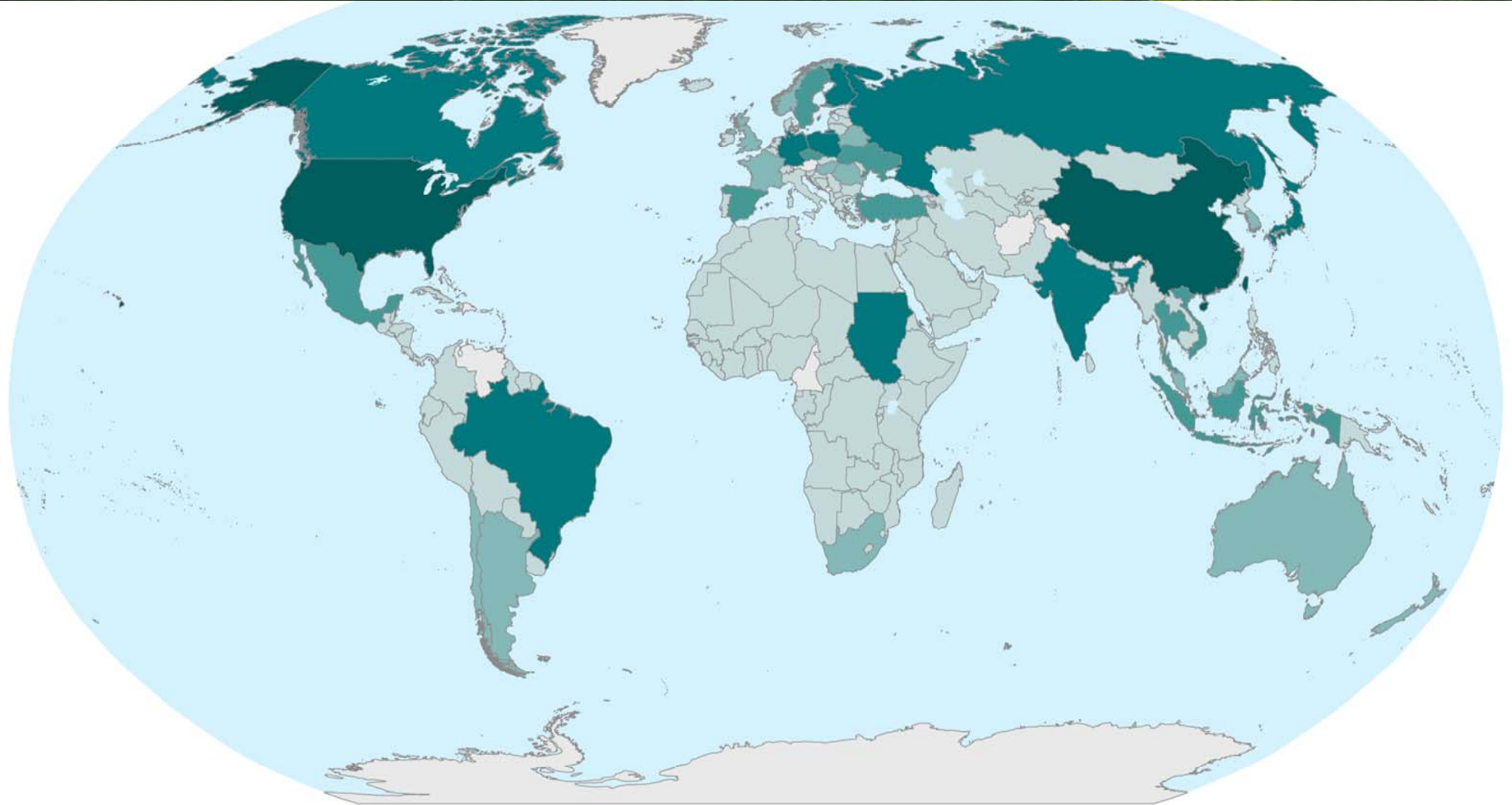
PRIMARY FORESTS



(% of forest area)



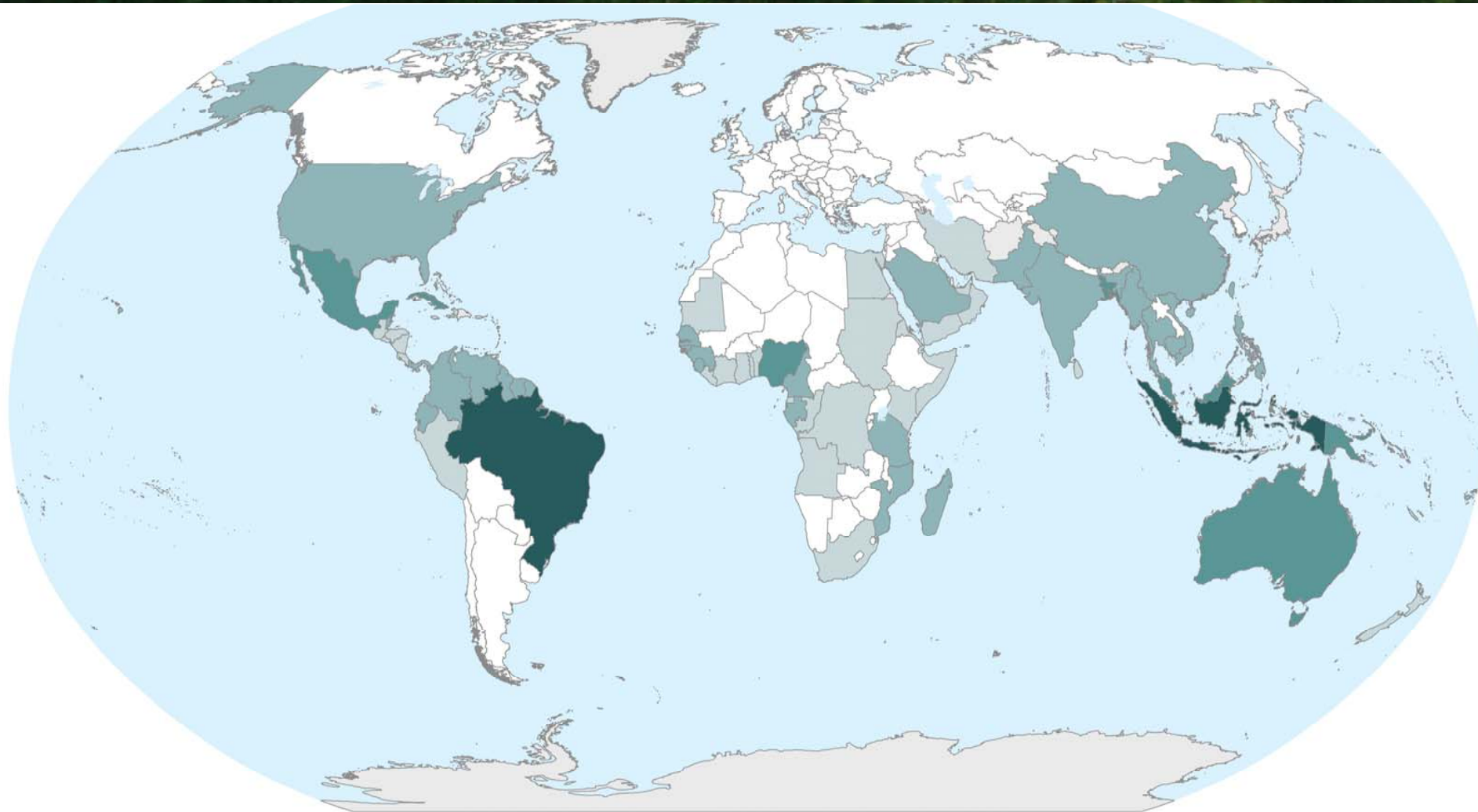
PLANTED FORESTS



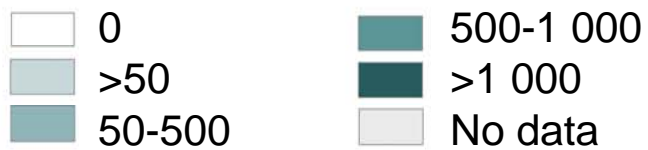
(million ha)



MANGROVES



1 000 ha



FOREST HEALTH AND VITALITY

Damage by fire: 1%, but underreported



Damage by insects: 35 million ha/year

Damage by invasive woody species: 35 million ha/year

FORESTS AND BIOLOGICAL DIVERSITY

Conservation
of biological diversity: **12%**

Forests
in protected areas: **13%**



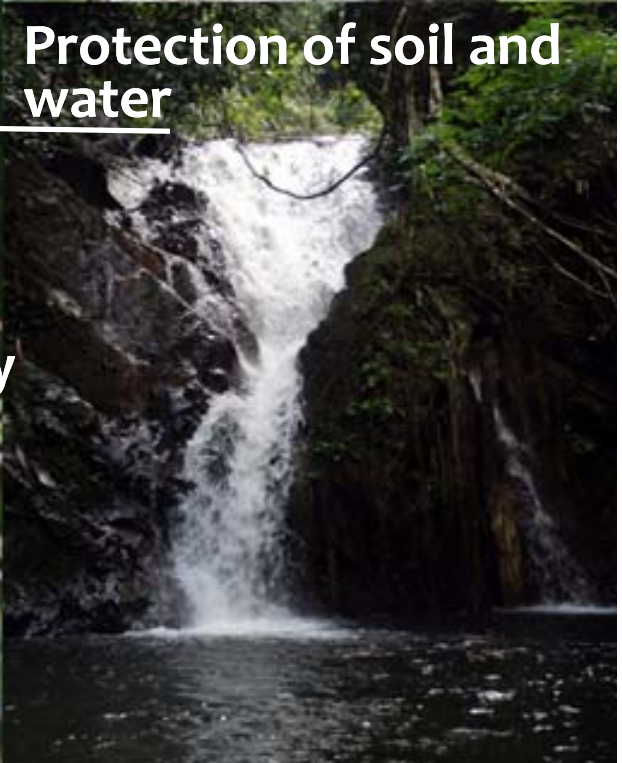
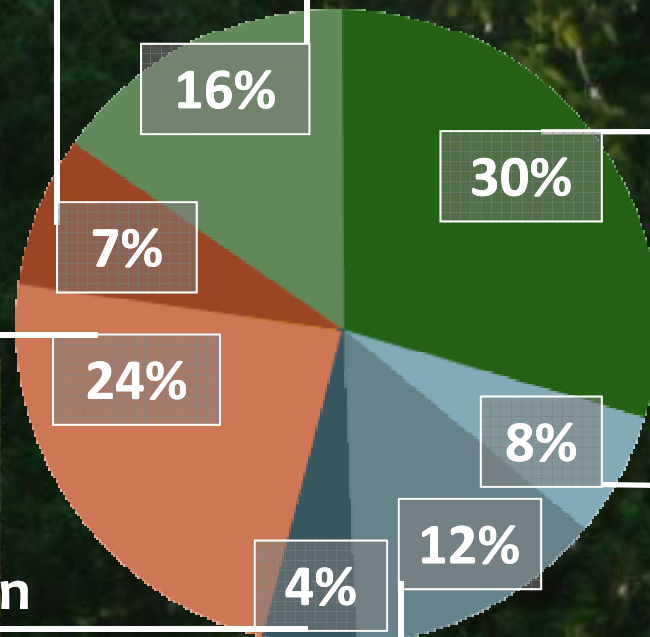
Increase since 1990:
>95 million ha

Increase since 1990:
>94 million ha

MANAGEMENT, CONSERVATION AND USE



Other/Unknown function



SOCIO-ECONOMIC ASPECTS

Wood: US\$ **100** billion/year

NWFPS: US\$ **18.5** billion/year - but difficult to quantify



Employment:
10 million – many more are dependent upon forests

FOREST LAWS AND POLICIES

A man in a blue shirt is working in a wood processing facility, handling large sheets of wood. The background shows stacks of wood and a window.

Laws: **156** countries,
69 updated since 2005

Policies: **143** countries, **76** updated since 2000

National forest programmes: **75%** of the world's forests

FRA IS MUCH MORE...

233 Country Reports

5 special studies

A global remote
sensing survey



www.fao.org/forestry/fra2010





FRA 2010



FRA 2015