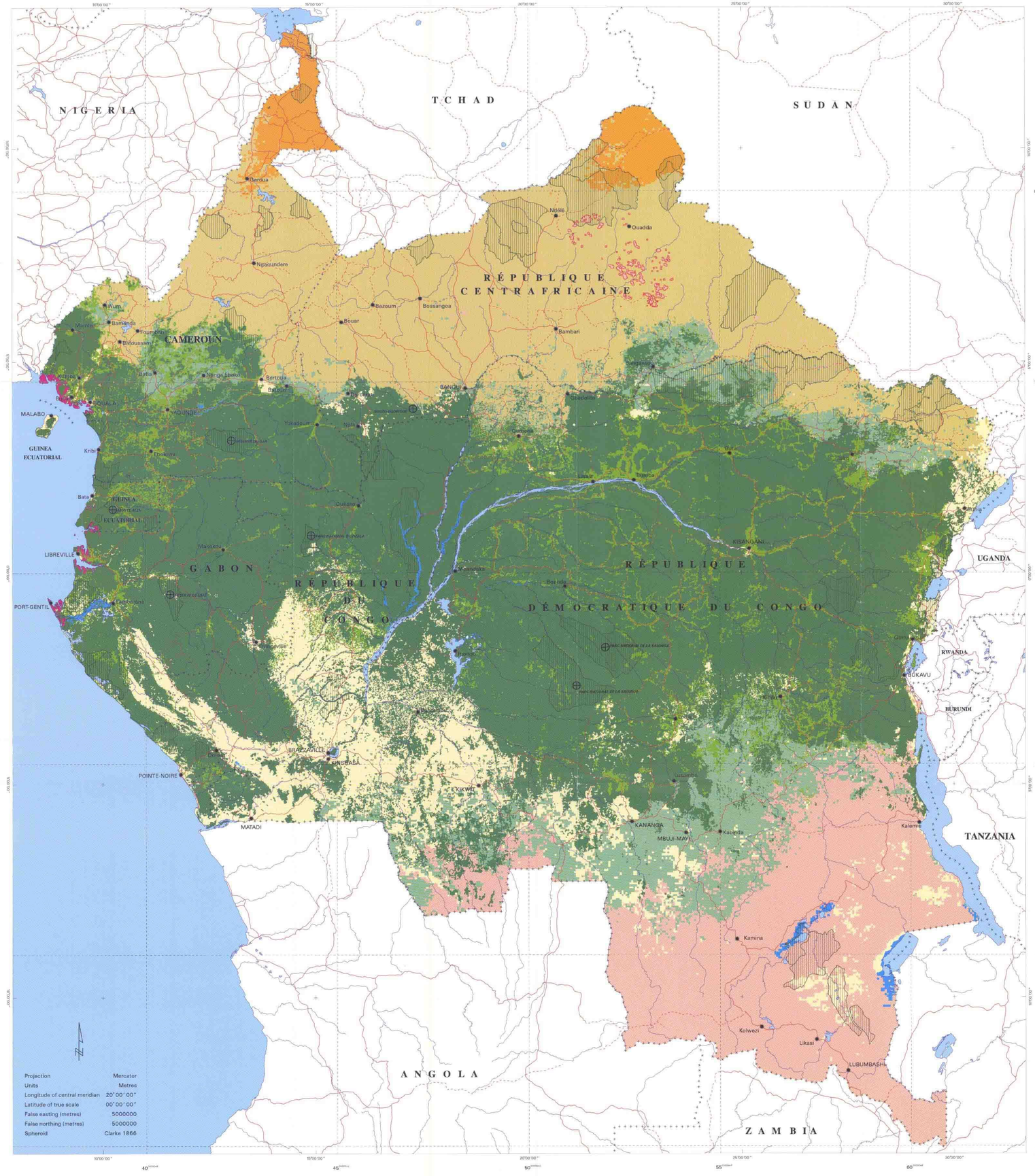

VEGETATION MAP OF CENTRAL AFRICA

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XF
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CARTE DE LA VÉGÉTATION DE L'AFRIQUE CENTRALE

Derived from NOAA AVHRR imagery

THEMATIC LEGEND / LEGENDE THÉMATIQUE

Dense moist forest (Guineo-Congolian)	Forêt dense humide (Guinéo-Congolais)
Secondary forest and rural complex (Guineo-Congolian)	Forêt secondaire et complexe rural (Guinéo-Congolais)
Forest/savanna mosaic (Guineo-Congolian)	Mosaïque forêt/savane (Guinéo-Congolais)
Dense dry forest and miombo woodland (Zambezian / Sudanian)	Forêt dense sèche et miombo (Zambézien /Soudanien)
Tree savanna and woodland (Sudanian / Sudano-Guinean)	Savane boisée et arborée (Soudanien / Soudano-Guinéen)
Grasslands and bare soil (Guineo-Congolian / Zambezian)	Savane herbacée et sol nu (Guinéo-Congolais / Zambézien)
Shrubs and steppe (Sudano-Sahelian / Sahelian)	Savane arbustive et steppe (Soudano-Sahélien / Sahélien)
Mangrove	Mangrove
Swamp grasslands (Guineo-Congolian / Zambezian)	Formations herbeuses hygrophiles (Guinéo-Congolais / Zambézien)
Protected area (IUCN criteria)	Aire protégée (critères UICN)
ECOFAC site (European Union funded conservation programme)	Site ECOFAC (Programme de conservation financé par l'Union Européenne)

TOPOGRAPHIC LEGEND / LÉGENDE TOPOGRAPHIQUE

International boundary	Limite d'état
Main road	Route principale
Minor road or motorable track	Piste
Watercourses	Cours d'eau
Town or major settlement	Zone urbaine

SCALE 1 : 5 000 000

100 km 0 100 200 300 400 500 km

The vegetation classes are derived from satellite data analysis. The classes of the Guineo-Congolian domain are derived from NOAA AVHRR 1.1 km data, acquired from Niamey receiving station for the period from December 1992 to September 1994. The remaining classes are derived from the NOAA AVHRR 5 km dataset (JRC-NASA) composed of daily images over the period from January 1987 to December 1992.

The IUCN conservation areas are provided by the World Conservation Monitoring Centre (UK).
Roads and international boundaries are derived from ArcWorld3M, 1:3 million scale, (ESRI). Rivers are derived from ArcWorld3M with amendments from the ERS-1 SAR Mosaic of Central Africa (JRC - ESA).
The boundaries, names and roads shown on this map do not imply official endorsement or the acceptance by the European Commission.

Analysis of the AVHRR 1.1 km datasets by P. Mayaux.
Analysis of the AVHRR 5 km datasets by E. Janodet.
Map composition by C. Blair-Myers, P. Legeay-Janvier.

EUR 17322 - Vegetation Map of Central Africa, 1997.
TREES SERIES D: Thematic Products N°1.
This map is accompanied by explanatory notes.

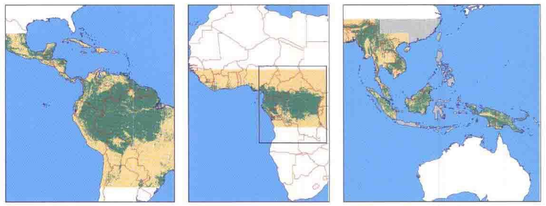
Les classes de végétation sont dérivées de l'analyse de données satellitaires. Les classes du domaine Guinéo-Congolais sont dérivées des données NOAA AVHRR 1.1 km, acquises par la station de réception de Niamey de décembre 1992 à septembre 1994. Les autres classes sont dérivées d'images journalières NOAA AVHRR à 5 km de résolution (CCR-NASA) couvrant la période de janvier 1987 à décembre 1992.

Les aires de conservation UICN ont été fournies par le "World Conservation Monitoring Centre" (GB).
Les limites d'états, le réseau routier ainsi que le réseau hydrographique proviennent de la base de données ArcWorld3M, au 1:3 million, (ESRI). Le réseau hydrographique a été partiellement mis à jour à partir de la mosaïque ERS-1 SAR de l'Afrique Centrale (CCR-ASE).
Le tracé des limites de frontières d'État, les toponymes ainsi que le réseau routier figurant sur cette carte n'engagent pas la responsabilité de la Commission Européenne.

Analyse des données AVHRR 1.1 km : P. Mayaux.
Analyse des données AVHRR 5 km : E. Janodet.
Composition cartographique : C. Blair-Myers, P. Legeay-Janvier.

EUR 17322 - Carte de la végétation de l'Afrique Centrale, 1997.
TREES SERIES D: Thematic Products N°1.
Cette carte est accompagnée d'une notice explicative.

LOCATION OF MAP AND TREES CLASSIFICATIONS



MTV-TREES PROJECT

Monitoring changes in the tropical forests

Monitoring changes in the forests of the tropical belt presents a formidable yet vital challenge for remote sensing. In order to address this issue a joint project between the Joint Research Centre and the European Space Agency was initiated in 1991 entitled the TREES Project: TRopical Ecosystem Environment observation by Satellite.

Its three main objectives are:

1. The development of techniques for a global tropical forest inventory using AVHRR and ERS-1 as the main sources of data supplemented by high resolution optical data.

2. The development of techniques for the detection and monitoring of the active deforestation areas; measurement of deforestation rates in critical areas.

3. The development of a comprehensive Tropical Forest Information System to support the modelling of tropical deforestation dynamics.

The TREES project is oriented towards the study of tropical forest dynamics at regional to global scales using remote sensing techniques.

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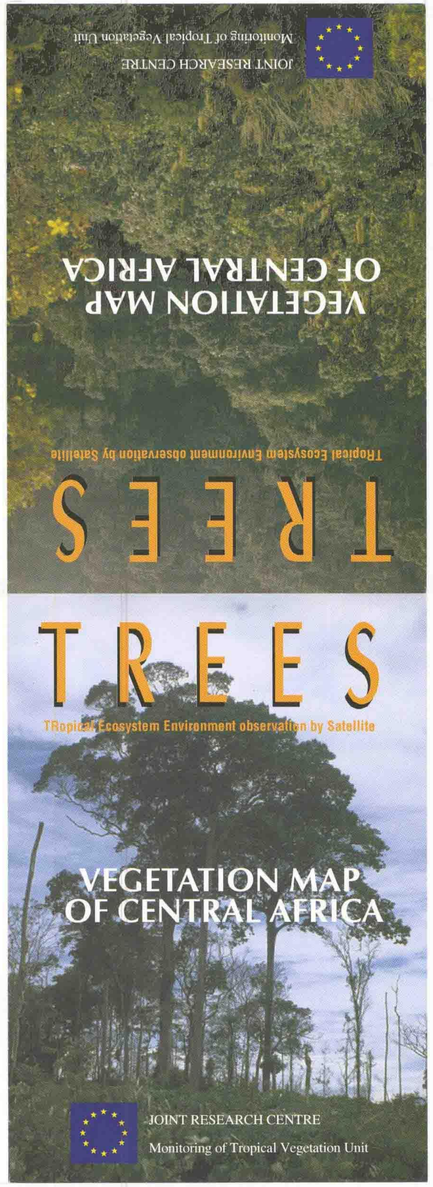
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