



REGIONAL SHORELINE MONITORING STUDY AND
DRAWING UP A MANAGEMENT SCHEME FOR
THE WEST AFRICAN COASTAL AREA

West African
Economic and Monetary Union

International Union for
Conservation of Nature

CARTOGRAPHY OF HUMAN LAND-USE SYSTEMS

CONTINENTAL SHELF AND LOCATION OF THE MAP

1:500 000 SCALE

0 5 km 20 km 50 km

NW N NE
W SW S SE E

Sierra Leone 2/2
Liberia 1/2

Sheet 5/9

Bathymetry

0 m 250 m

Country borders

ROAD NETWORK

Major roads

Minor roads

Tertiary roads

Dykes

Railway

Port

Fishing centre

Airport

URBAN AREAS

Dense urban fabric

Loose urban fabric

Very loose urban fabric

Open space

Non discriminated urban areas

Hub intersection

HYDROGRAPHY

Graduated water system

Water body, lagoon

Dam reservoir

WETLANDS AND MARSHES

Alluvial plains

Hydromorphic alluvial plains

Undifferentiated wetlands

Salt marshes (sebkhras)

Margins of salt marshes (sebkhras)

Mangroves

Small remarkable estuaries

CONSERVATION

RAMSAR Site

Protected Marine Area

National Park

Classified forest

NATURAL RESOURCES

Rice-growing in mangrove

Plantation

Potential shrimp farming site

TYPOLOGY OF HUMAN LAND-USE SYSTEMS
LESS THAN 1KM FROM SHORE

A - URBAN

A1 - On sandy shore

A2 - On more on less rocky shore

A3 - Small coastal urban sites mixed sans/rock

B - RESIDENTIAL, TOURISM, URBAN

B1 - Continuous settlement along shore edge

B2 - Discontinuous settlements

C - RURAL, AGRO-COCONUT GROVES

C1 - Dense, continuous settlement

C2 - Discontinuous settlements

C3 - Discontinuous settlements with diverse vegetation

D - RURAL, AGRO-COCONUT GROVES AND DIVERSE VEGETATION

D1 - Dense coconut groves but settlements some distance from shore

D2 - Same as D1 but scattered coconut groves and diverse vegetation

D3 - Uninhabited but change in progress or possible to type D2

E - RURAL, MARITIME RICE GROWING

E - Settlements at risk of marine submersion

F - SMALL VILLAGES AND TEMPORARY FISHING CAMPS

F1 - Very unstable, more on less insular sandy sites

F2 - Rare villages scattered in sandy zones unfit for agriculture

G - NO SETTLEMENTS

G1 - Mangrove, flooded and therefore uninhabitable littoral zone

G2 - Littoral zone in desert region

ESTIMATED HUMAN LAND-USE DENSITIES

Very high > 500h/km²
Future conurbations

High - 200 to 500 h/km²
"rurban" areas

High to average
50 à 200 h/km²

Low to average
20 to 50 h/km²

Low 5 to 10 h/km²
Sandy soils unfit for agriculture

Low 5 to 20 h/km²
Post forest areas partially cultivated

Very low 5 to 10 h/km²
Rocky areas unsuitable for agriculture

Very low 5 to 10 h/km²
Forest areas being taken over by farming

Practically null, dry and arid areas unfit for agriculture