

CREOCEAN

Marine environmental consultancy and oceanographic services

Climate change in East Africa: Overview, perspectives and Business Opportunities







CREOCEAN A company part of an independent group





Contributing to the development and management of user- and environmentally friendly cities and regions



Make accessible and efficient the power of a responsible digital



Marine environment, coastal development and oceanography



Planning and Implementing urban development projects in developing and emerging countries





CREOCEAN Worldwide consultancy services





POLYNESIA

OUR CLIENTS & EXPERTISES

We support public and private clients wishing to integrate environmental requirements in their approach



CREOCEAN IN EAST AFRICA

CREOCEAN DEVELOPMENT IN EAST AFRICA

- Protection of Kenyan marine environment
- Coastal sustainable development
- Blue economy development







CLIMATE CHANGE impacts on coastal areas & ocean

HOW CREOCEAN
SUPPORTS ITS CLIENTS
REGARDING CLIMATE
CHANGE THREATS?

 Assessing the physical/biological/ecological impacts of climate change on the environment

 Providing decision making tools (sensitivity & vulnerability mapping)

 Proposing coherent adaptation strategies & nature based solutions





Marine renewable energy



Industrial project



Coastal engineering



CLIMATE CHANGE



Hydrodynamics and hydro sedimentary



Environmental studies



Environmental management, protection & restoration



creocean





Environmental studies



Environmental management, protection & restoration



ECOLOGICAL RESTORATION & COMPENSATION

Preparation of guidelines and coral reef enhancement plan for PSEPA

CLIENT(S) MINISTRY OF FINANCE

STAKEHOLDERS CRÉOCÉAN

DATE 2018 - 2020





Corol removal





Larger corals are transported in a steel cage lifted by lift bags and towed by boat.





Largest colonies can be placed on the substrate in calm areas and/or attached to heavy cement bases.









Marine renewable energy



CLIMATE CHANGE



Coastal engineering



Hydrodynamics and hydro sedimentary



COASTAL ENGINEERING

Sea plaza hotel protection dike: dimensioning and hydrosediment impact assessment

CLIENT(S) SEAMAR ENGINEERING

STAKEHOLDERS CRÉOCÉAN

DATE 2003 - 2020



- ✓ The approval of the offshore design waves to be considered for the dimensioning of the protection works
- ✓ The definition, at the draft level, of the dimensioning of a rubble-mound breakwater to protect the location
- ✓ The analysis of the hydro-sedimentary impact of the works.



UNDERSTANDING COASTAL CITIES VULNERABILITY

Vulnerability studies of coastal cities and proposal of adequate adaptation measures

CLIENT(S)

CELLULE DE PREVENTION ET

GESTION DES URGENCES

STAKEHOLDERS

CRÉOCÉAN

DATE

2020



✓ Decision-making tool







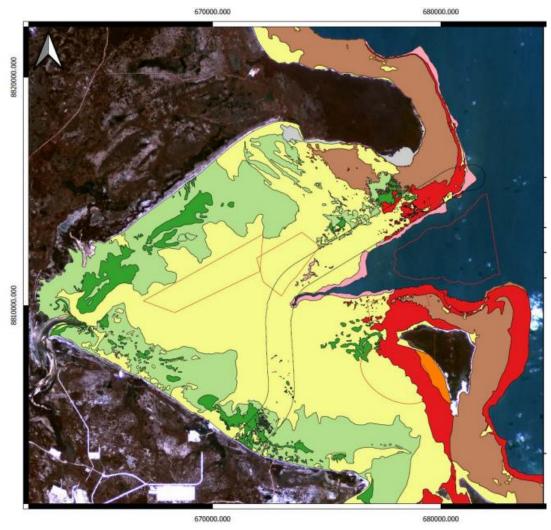
Industrial project



Environmental studies



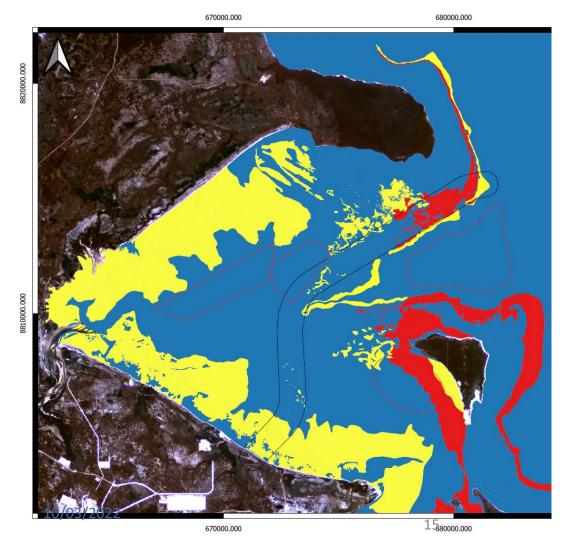
HABITAT MAPPING

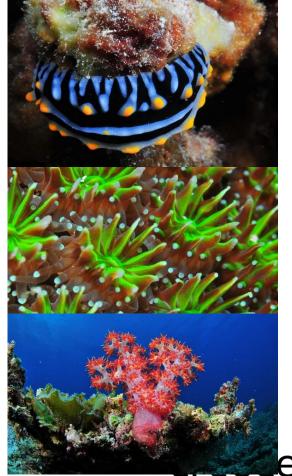




SENSITIVITY MAPPING

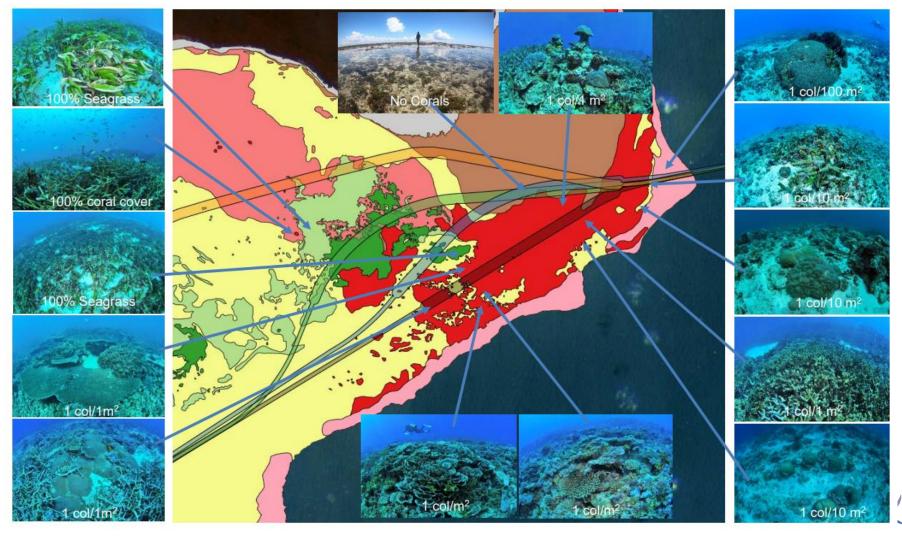
✓ A decision making tool





Environnement & océanographie

CREOCEAN RECOMMENDATIONS







Marine renewable energy



Industrial project



Coastal engineering



creocean **CLIMATE CHANGE**



Hydrodynamics and hydro sedimentary



Environmental studies



Environmental management, protection & restoration



creocean

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