

Public and private investment as a model of governance in the marine-coastal system



Antonethe Castaneda, Dimitrios Emmanouloudis, George Zaimes and Leonardo Freire
UNESCO Chair on Conservation and Ecotourism of Riparian and Deltaic Ecosystems
(Con-E- Ect, Greece)

TYPE OF THE PROJECT

CONSERVATION, INCLUDING THE SUSTAINABLE MANAGEMENT OF MARINE COASTAL BIODIVERSITY, IS KEY TO KEEPING ECOSYSTEMS LESS VULNERABLE TO CLIMATE CHANGE CONTRIBUTING TO THEIR LIVELIHOODS, AND ON THE OTHER HAND, MAINTAINING IMPORTANT BLOCKS OF ECOSYSTEMS THAT PROVIDE ECOSYSTEM SERVICES THAT ARE NEEDED TO REGULATE AIR TEMPERATURE, MINIMIZE THE EFFECTS OF FLOODS, TROPICAL STORMS AND HURRICANES, MAINTAIN LIFE CYCLES OF SPECIES NATIVE TO THE COASTAL MARINE ZONE WITH CONTRIBUTIONS TO THE ARTISANAL FISHERY, ETC.

INTERSECTORIAL RELATIONSHIP AND DECISION MAKERS

- **ALIGNMENT WITH SUSTAINABLE DEVELOPMENT GOALS (SDG)**
- **RISK MANAGEMENT AND PREVENTION OF NATURAL PHENOMENA**
- **MAINTENANCE OF THE COASTAL MARINE ECOSYSTEM**
- **OPPORTUNITY TO GENERATE RENEWABLE ENERGY WITH THE OCEAN**
- **OPPORTUNITY FOR COMMUNITY USE AND EMPLOYMENT**
- **INCOME FOR THE STATE (LOCAL GOVERNMENT)**
- **OPPORTUNITIES FOR SUSTAINABLE DEVELOPMENT FOR THE PRIVATE SECTOR**
- **STRENGTHEN PUBLIC POLICIES AND GOVERNANCE**
- **OPPORTUNITY OF THE COASTAL MARINE REGIONS**

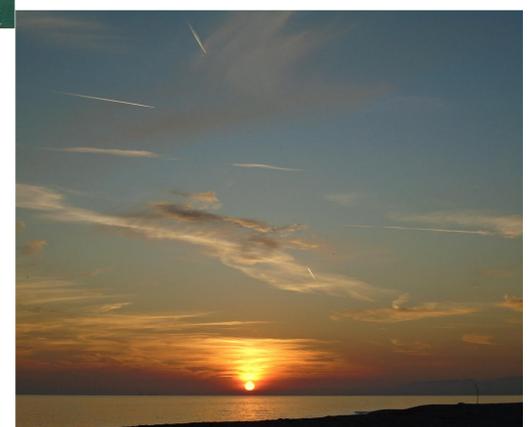
WHY THE PROPOSAL

THE COASTAL MARINE SYSTEM IS ELEMENTARY TO MAINTAIN THE LIFE OF LIVING BEINGS.

IT IS THE COASTAL MARINE ECOSYSTEM HAS BEEN FORGOTTEN ABOUT PUBLIC INVESTMENT AND THE PRIVATE SECTOR HAS NOT SUPPORTED.

WITH THE INCREASE OF THE TEMPERATURE OF 1.5 TO 2 OF THE OCEANS, THE COUNTRIES WITH BOTH COASTS, PACIFIC AND ATLANTIC SUCH AS GUATEMALA, SUFFER THE RAVAGES OF CLIMATE CHANGE.

ENOUGH OF SINGLE ISOLATED SCIENTIFIC INVESTIGATIONS, WE HAVE TO WORK WITH DIFFERENT SECTORS. THIS IS PART OF SCIENCE DIPLOMACY.



Credits: Antonethe Castaneda

CONCLUSIONS

There are no conclusions, **governance is a process** that strengthens over time, scientists must leave the comfort zone and work with other sectors.

For more information: fatimacastaneda@galileo.edu
leonardo.ambientepmnf@gmail.com

