



Dorothee Herr. Manager Oceans and Climate





# NATURE IS OUR ALLY IN FIGHTING CLIMATE CHANGE



## Science News

*from research organizations*

Nature-based solutions can help protect us from climate-related natural hazards

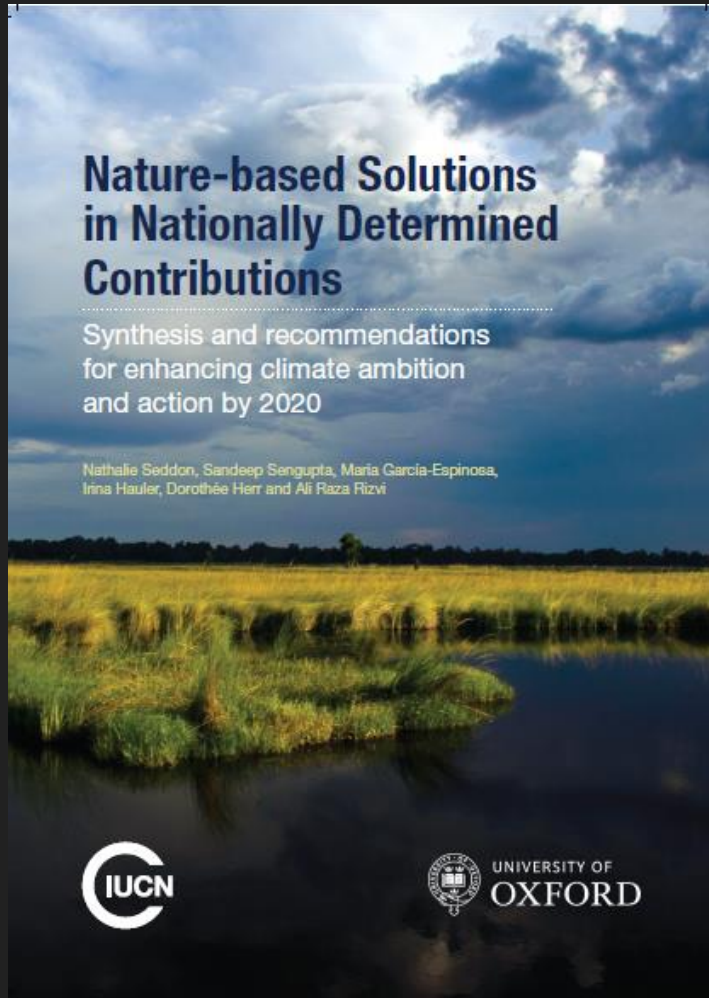
## Nature-Based Solutions: The New (Green) Kid On The Block

*Urban Jungle: Nature's Solutions for Resilient Cities, Part One*

**EARTH'S OWN RESPONSES: USING NATURE-BASED SOLUTIONS FOR CLIMATE ACTION**



# NBS in NATIONALLY DETERMINED CONTRIBUTIONS

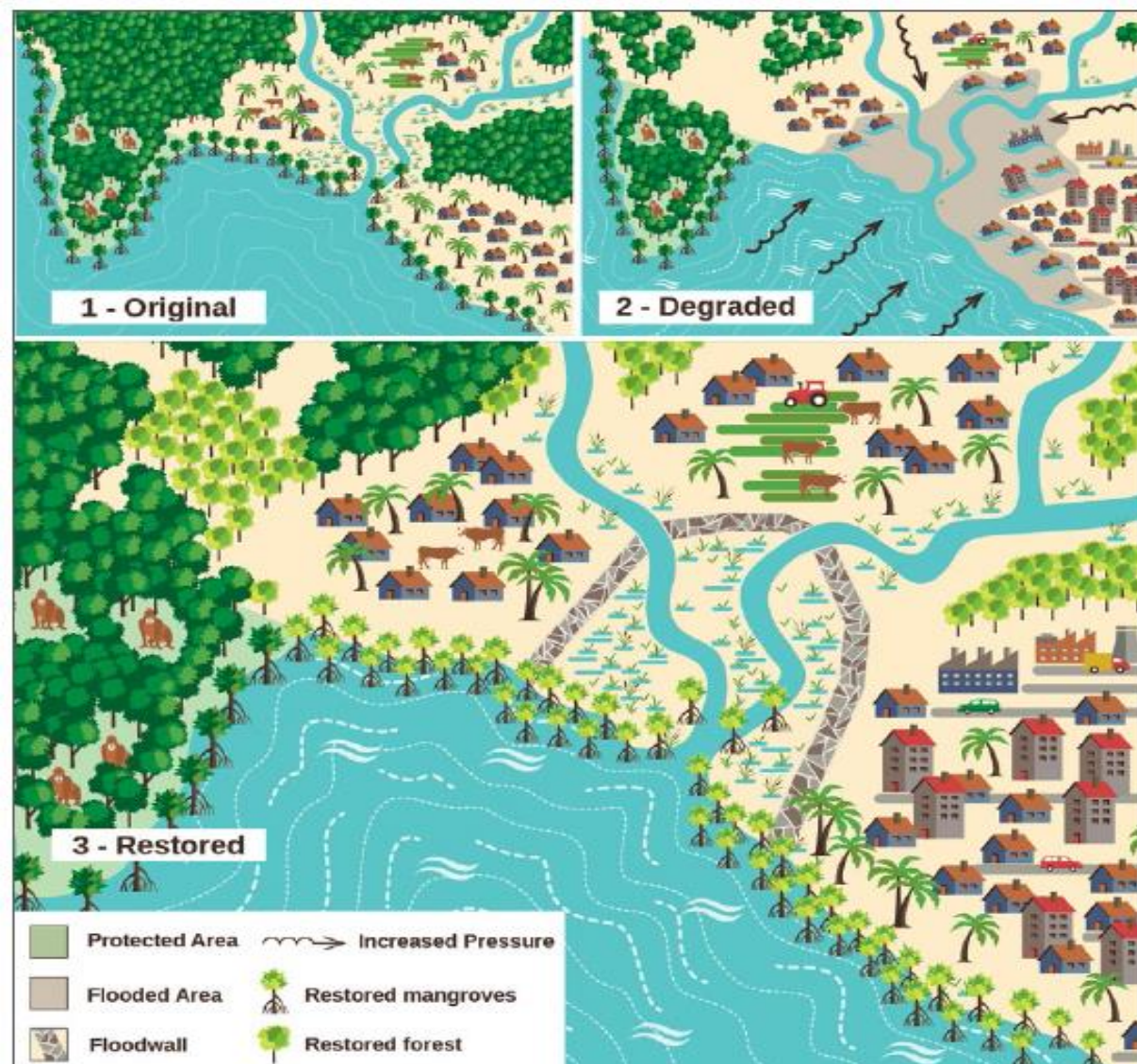


*742 times downloaded in the first 12 day*



*“Actions to protect, manage and restore natural or modified ecosystems, which address societal challenges, effectively and adaptively, providing human well-being and biodiversity benefits.”*





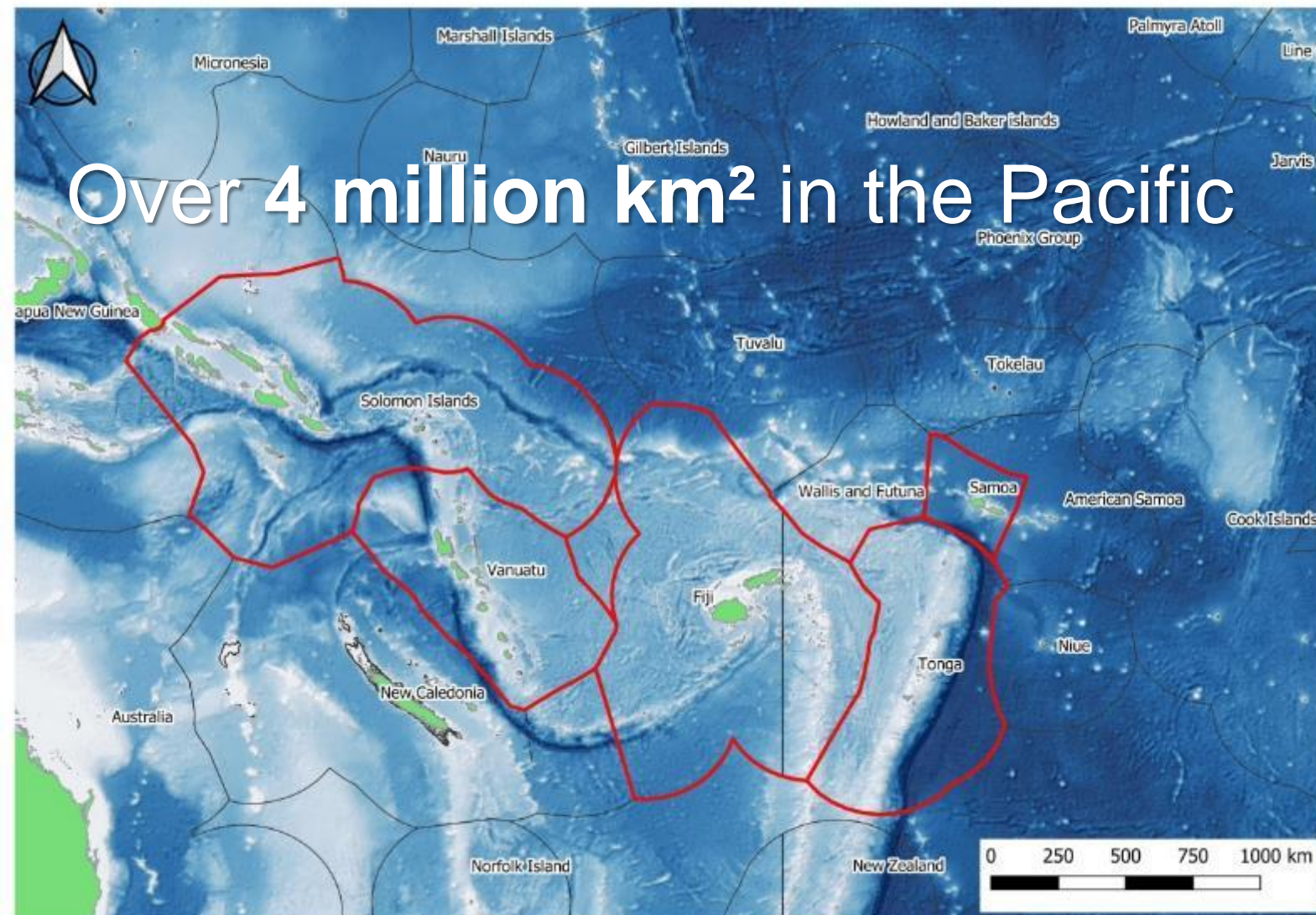
.....IN FIGHTING CLIMATE CHANGE





# NATURE BASED SOLUTIONS IN THE PACIFIC

Over 4 million km<sup>2</sup> in the Pacific



**NATIONAL OCEAN POLICIES**  
(Vanuatu, Solomon Islands and  
Fiji Draft)

**DRAFT OCEAN BILL**  
(Tonga)

**Community consultations**  
(Vanuatu, Tonga, Solomon  
Islands)

**30% MPA COUNTRY  
COMMITMENT**  
(Vanuatu, Tonga, Fiji)



An underwater photograph showing a dense field of green seagrass or macroalgae on the seabed, with sunlight filtering through the water from above.

## Quantifying carbon stores in the Mediterranean

### **Activities:**

Quantify the carbon deposits and the sequestration rates

Capacity building

Developing legal regulations



# NATURE BASED SOLUTIONS IN GUYANA & SURINAME

## A Coastal Vulnerability and Adaptation Framework



CONSERVATION  
INTERNATIONAL







## NATURE BASED SOLUTIONS IN CENTRAL AMERICA

**31 community microfinance associations** (cajas rurales in Spanish) created in Gulf of Fonseca aiming to mangrove conservation and livelihood generation involving 716 members (44% women and 17% youth).

**319 Has.** identified to undertake mangrove forest restoration in the lower basin of the Río Paz (Pacific coast between Guatemala and El Salvador)

**7 fishing recovery areas** in the Caribbean of Guatemala and Honduras and in the Pacific of El Salvador; to be approved by pertinent fishing authorities.



# NATURE BASED SOLUTIONS IN MOZAMBIQUE

## *NbS through Community-Based Mangrove Restoration in Quelimane, Mozambique*

### **Impacts:**

Detailed mapping of mangrove

Initial restoration of 50 Has. of degraded mangroves

Establishment of a Mangrove Platform composed of various local representatives

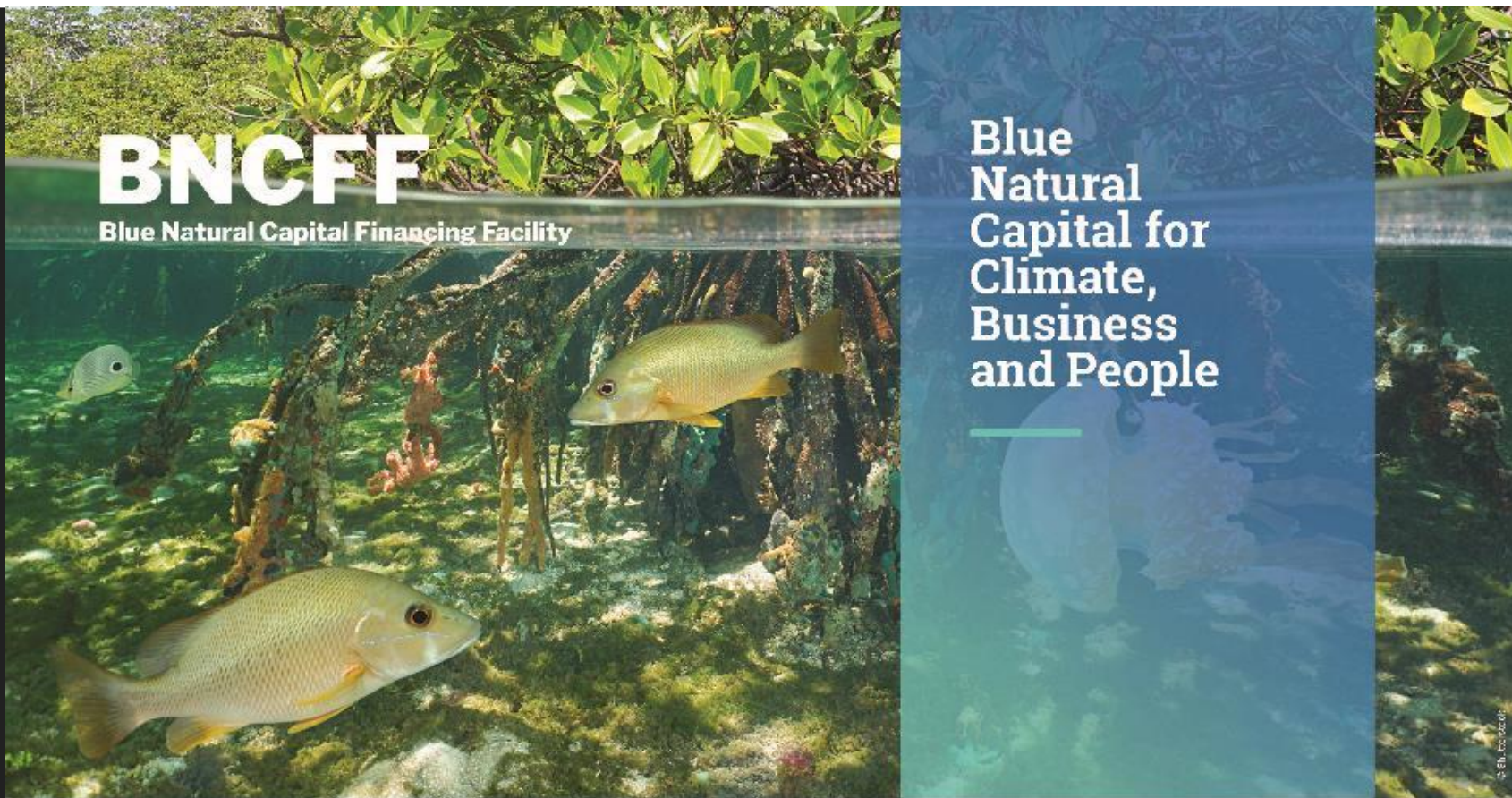
1 local community-based organization created

Engagement of local schools in mangrove conservation





# INNOVATIVE FINANCE



[www.bluenaturalcapital.org](http://www.bluenaturalcapital.org)  
[info@bluenaturalcapital.org](mailto:info@bluenaturalcapital.org)



THE GOVERNMENT  
OF THE GRAND DUCHY OF LUXEMBOURG  
Ministry of the Environment, Climate  
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