



Dorothée 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](#)

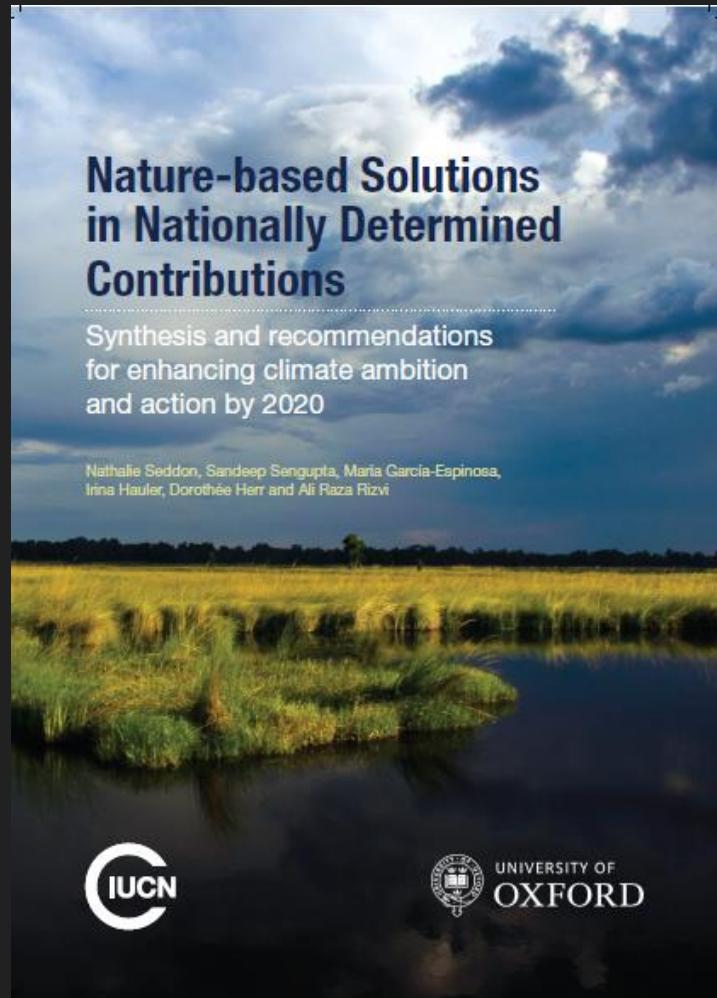
## Nature-Based Solutions: The New (Green) Kid On The Block

*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 days*



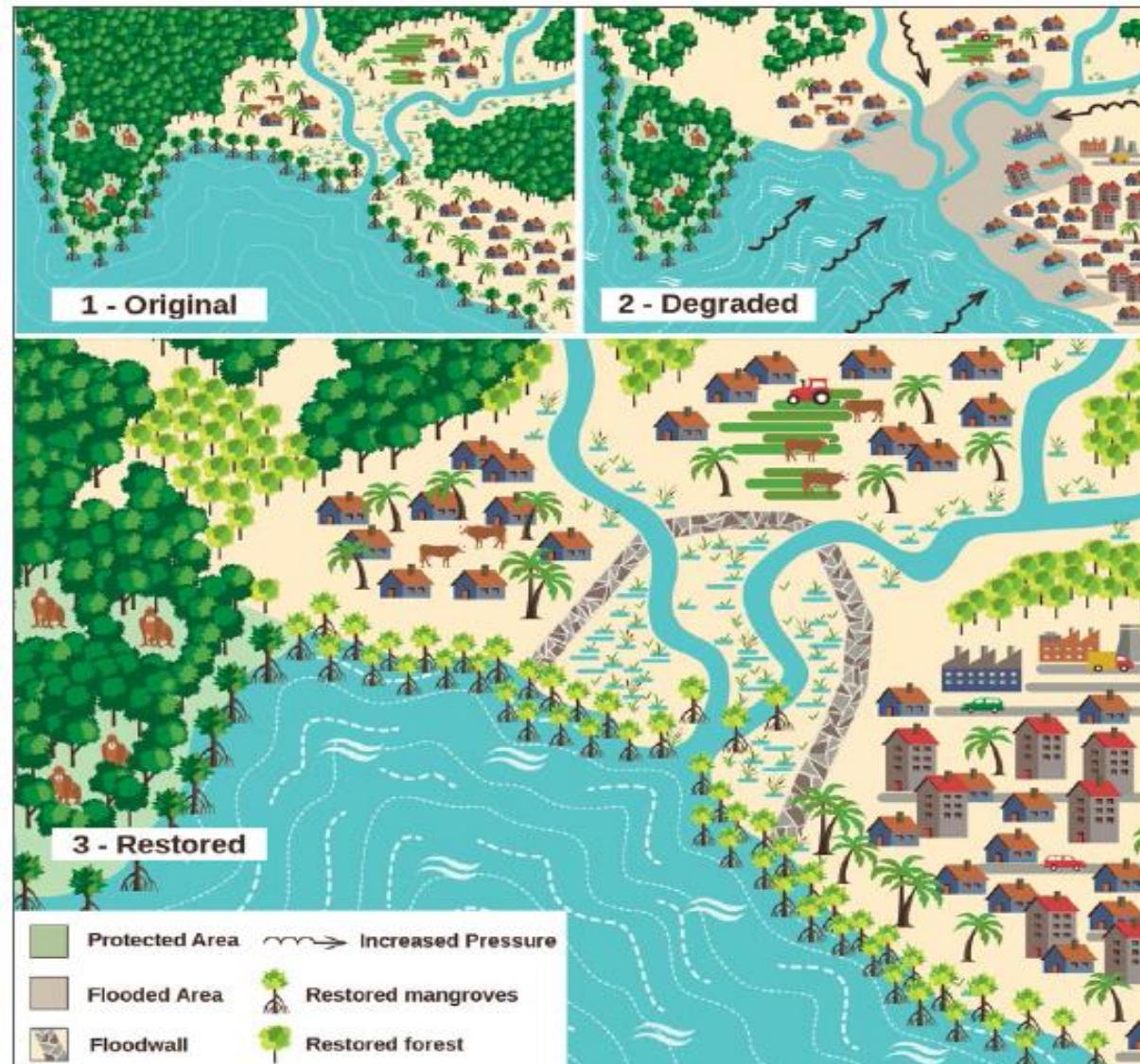
# NATURE IS OUR ALLY IN FIGHTING CLIMATE CHANGE



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



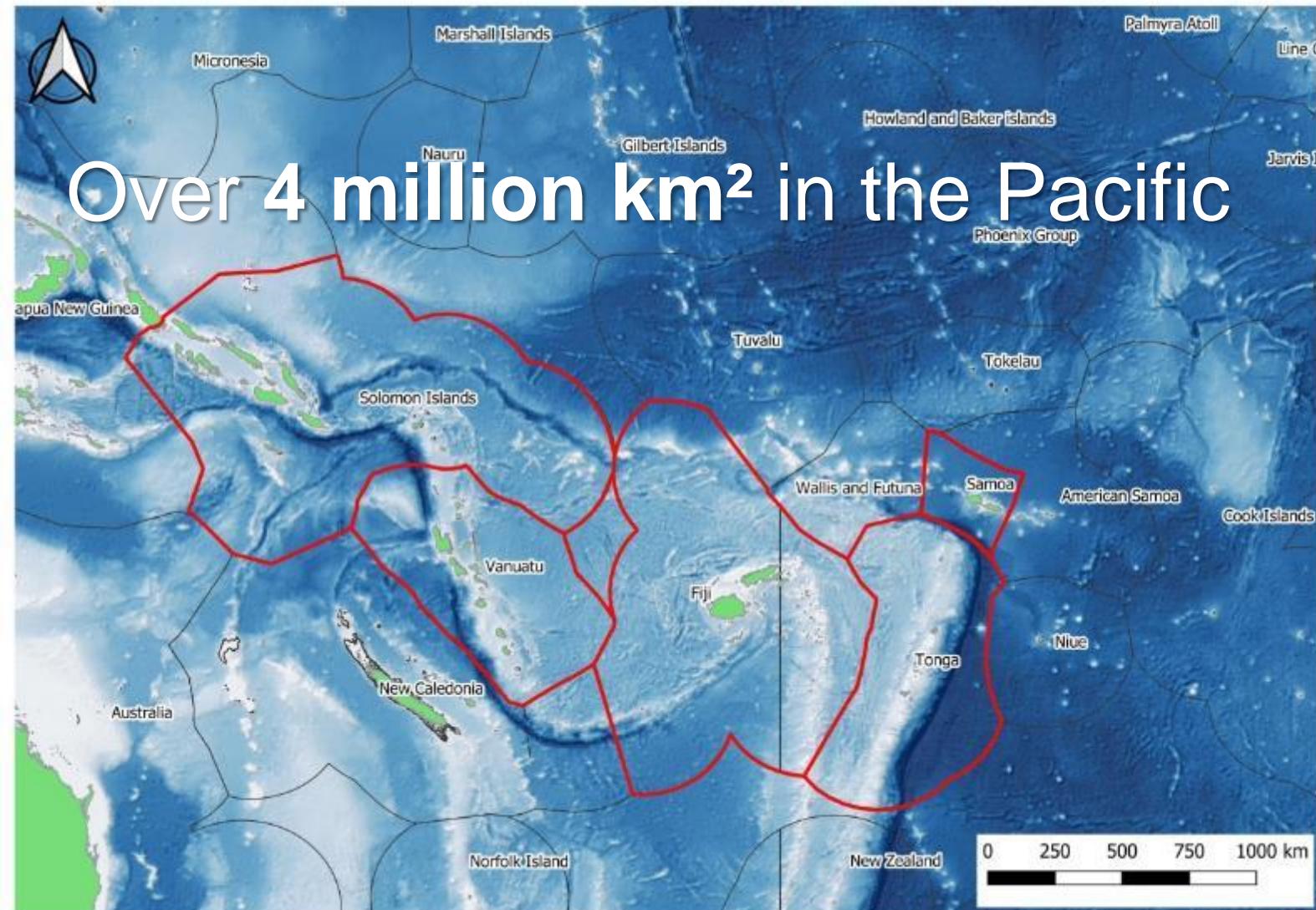
# NATURE IS OUR ALLY.....



.....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, green seagrass bed. The seagrass is swaying slightly, and the water is a clear, light blue-green color.

## 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



Blue  
Natural  
Capital for  
Climate,  
Business  
and People



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

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

A large sea turtle is swimming in the ocean, its body angled towards the left. The water is a deep blue, and the sky above is a warm, golden-yellow, suggesting a sunset or sunrise. The turtle's shell is a mottled brown and tan, and its flippers are visible as it moves through the water.

AN OCEAN OF OPPORTUNITIES

