

# Improving the forest carbon market confidence with quality blue carbon credits



Norad



NICFI

Norway's International Climate and Forest Initiative



**USAID**  
FROM THE AMERICAN PEOPLE



# Who are on stage?



**Janet Nackoney**  
USAID, USA



**Melissa Abederrahim**  
IUCN, Germany



**Noviar**  
Peat and Mangrove Restoration  
Agency, Indonesia



**Tim Coles**  
Re PLANET, UK



**Pablo Martin**  
FAO, Italy



**Pham Thu Thuy**  
CIFOR-ICRAF, Vietnam

## Moderator



**Daniel Murdiyarso**  
CIFOR-ICRAF, Indonesia



# Building BC market confidence

## The need of high-quality data and good governance

Daniel Murdiyarso  
CIFOR-ICRAF



Norad



NICFI

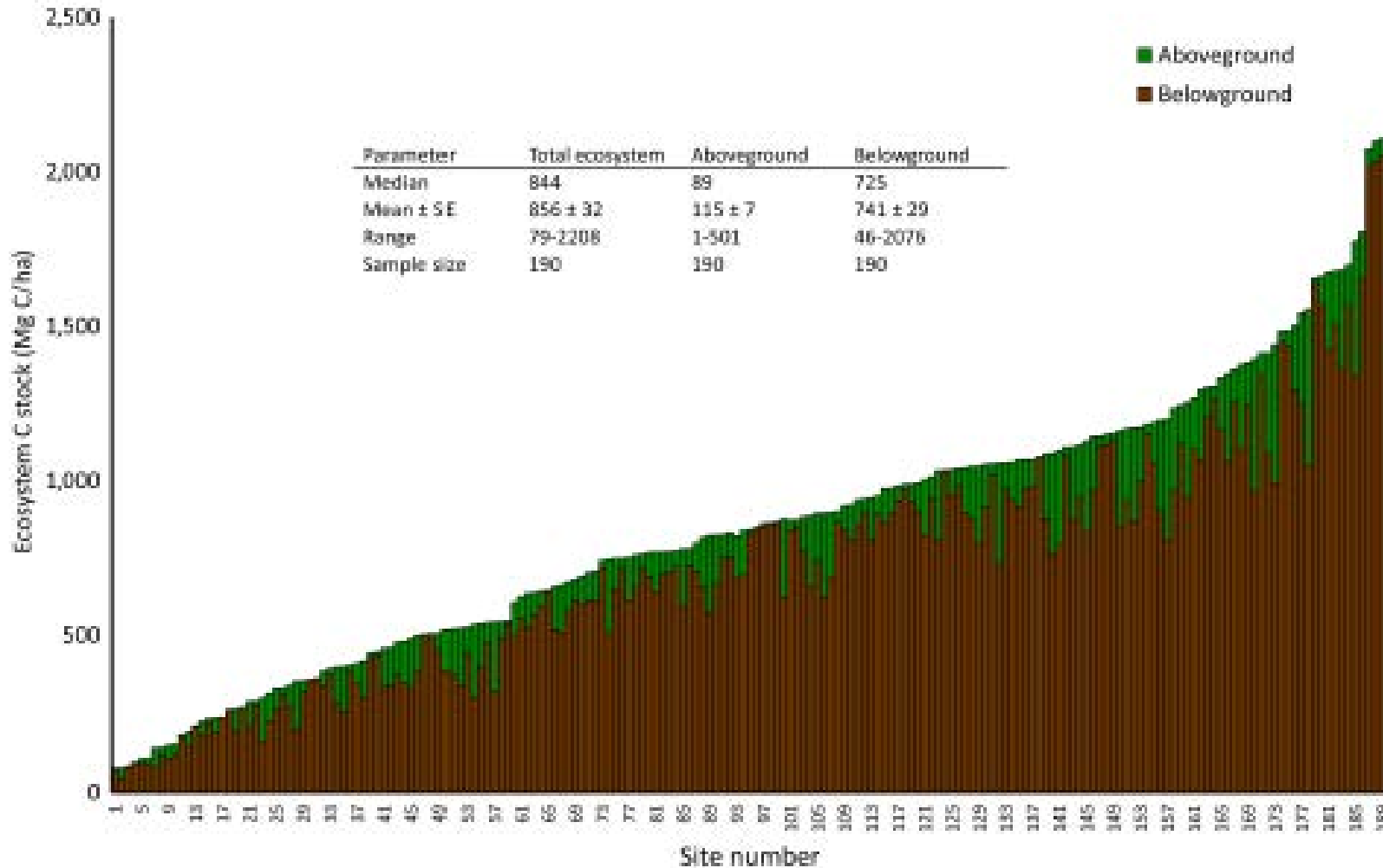
Norway's International Climate and Forest Initiative



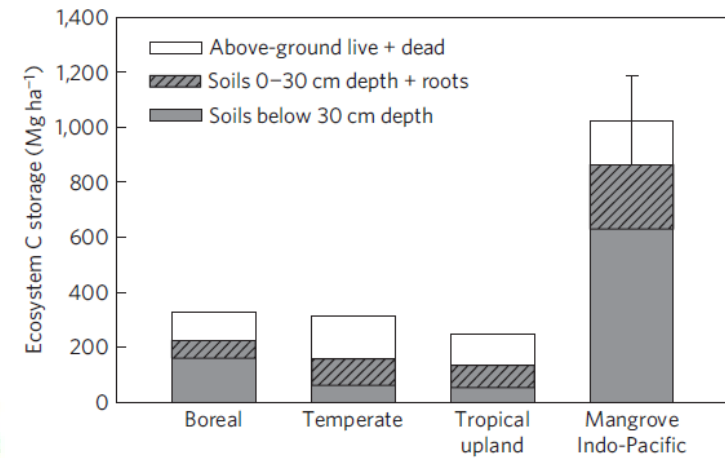
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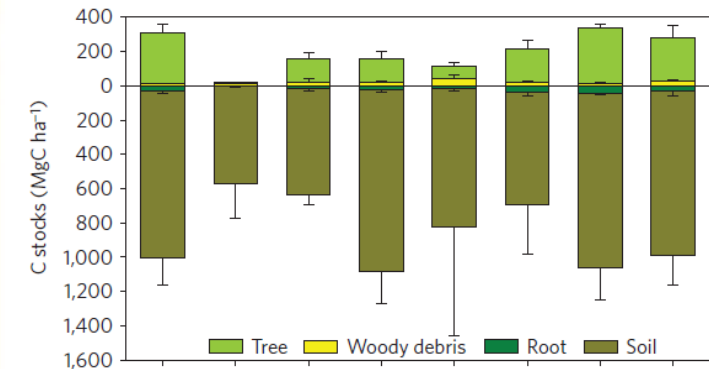
# Mostly (80-90%) are in the soil



Kauffman et al. *Ecol Monog* (2020)



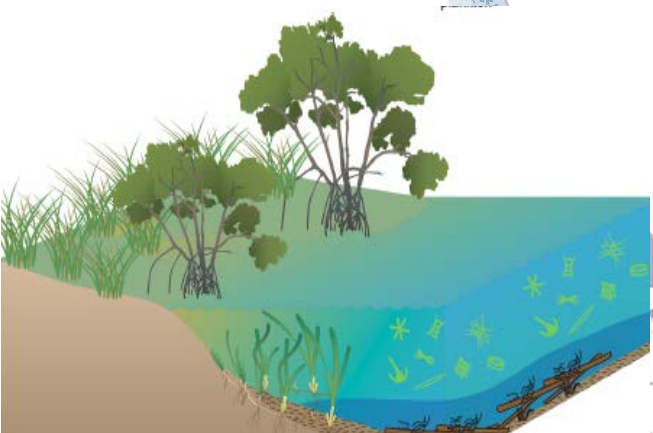
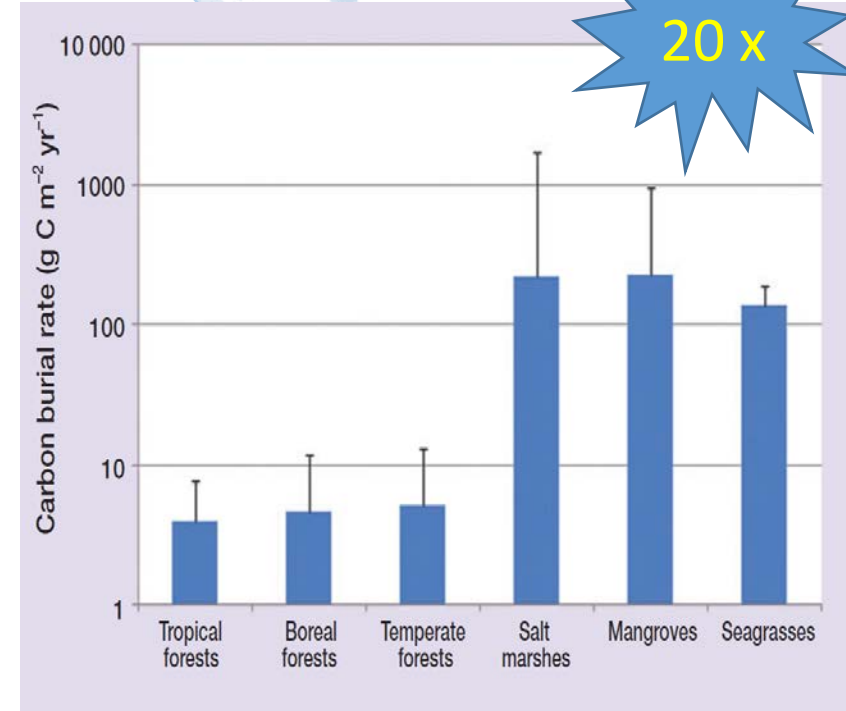
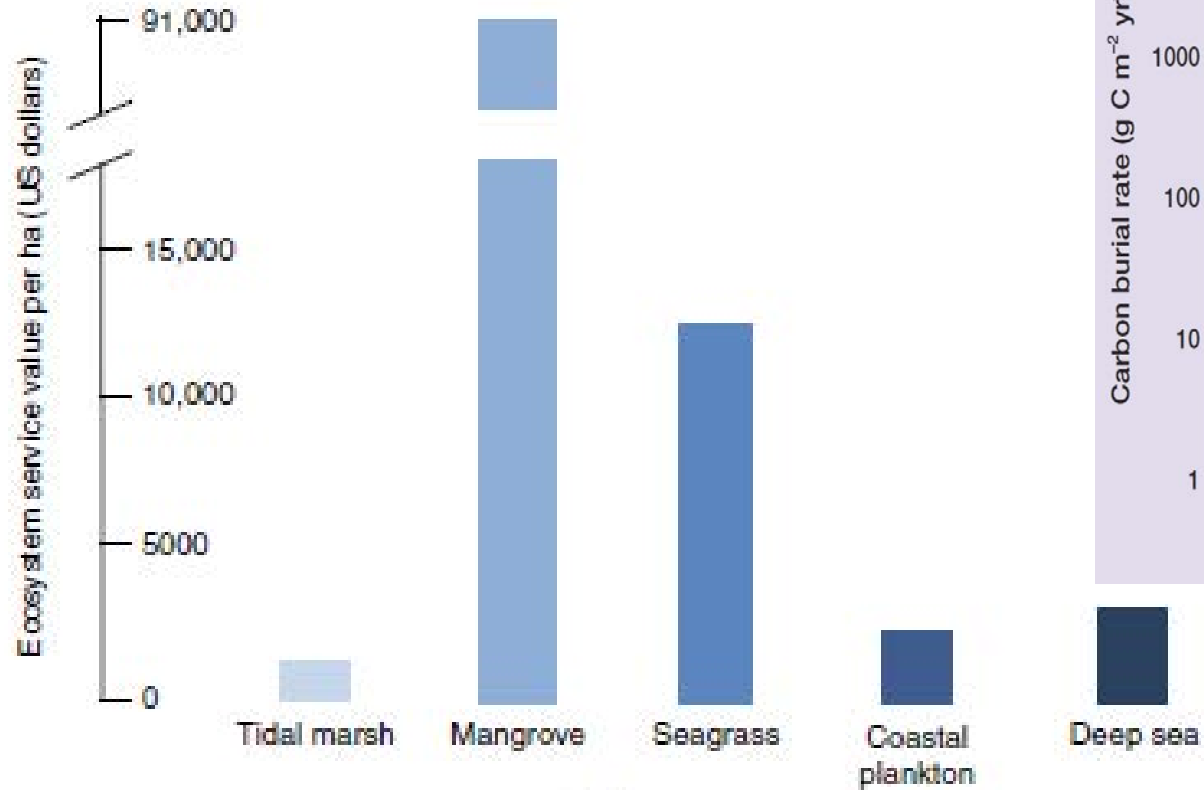
Donato et al. *Nature Geosci* (2011)



Murdiyarso et al. *Nauret Cli Change* (2015)

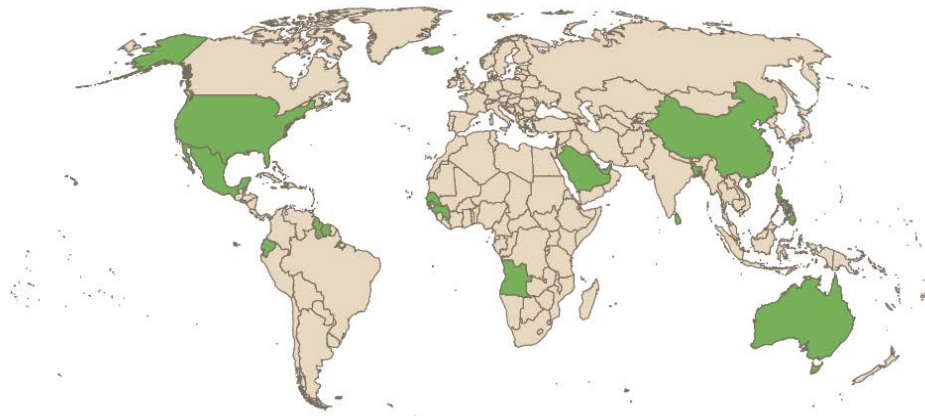


# Blue carbon total ecosystem values



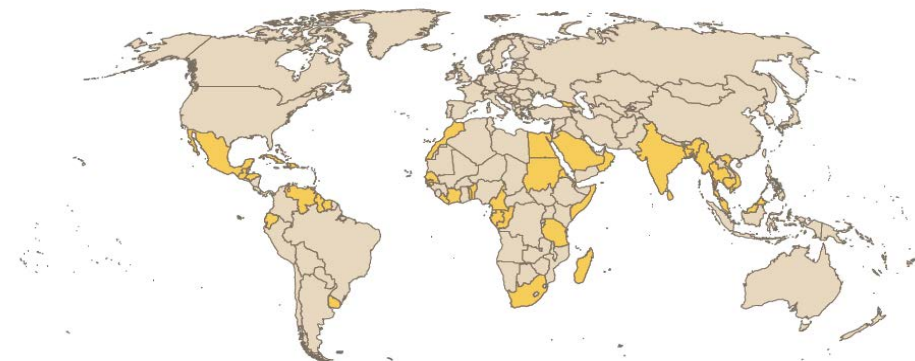
# Blue Carbon in the NDC

## MITIGATION



NDC submission: 175 countries  
BC for mitigation: 28 countries  
BC for adaptation: 59 countries

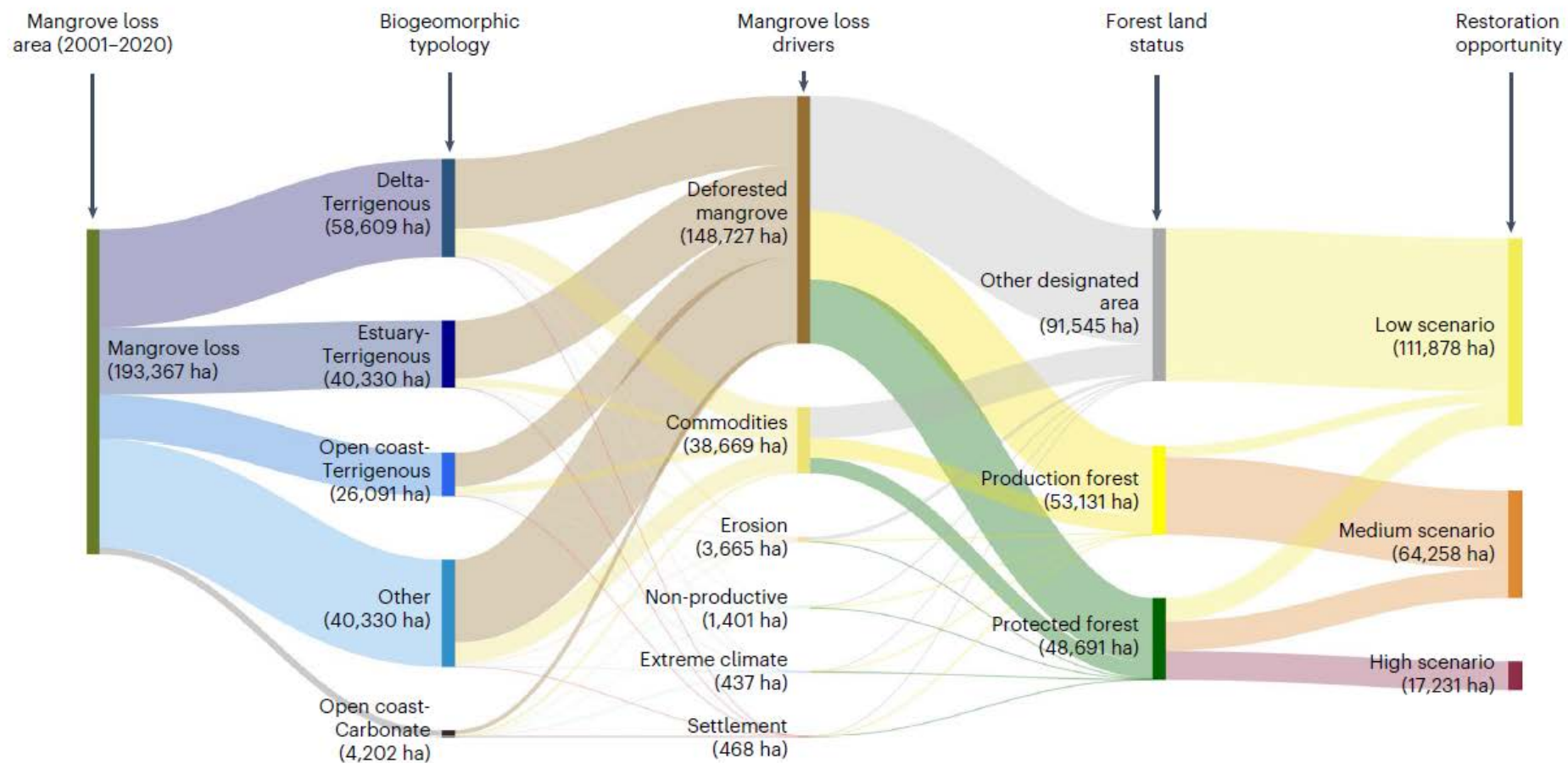
## ADAPTATION



Maps produced by Elsa Lindevall, GRID-Arendal



# Supply side



Sasmito et al. *Nature EcolEvol* (2023)





# Blue Carbon

