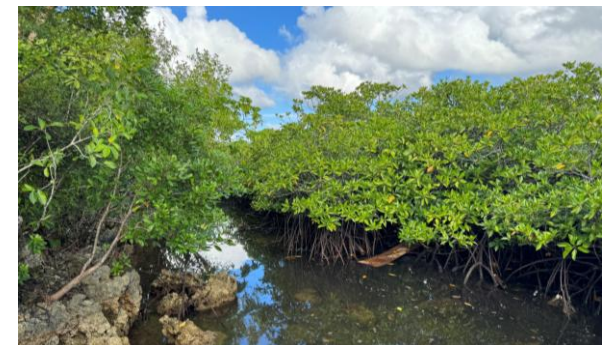


Philippines on the Map: Advancing Mangrove **Blue Carbon** Frontiers

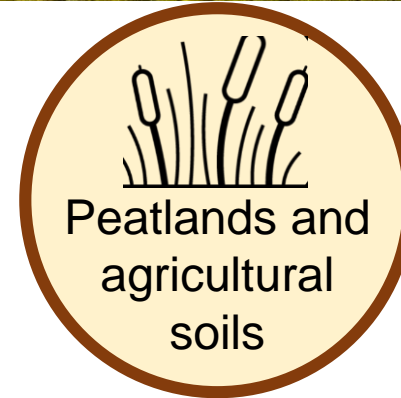
Jay Mar D. Quevedo

Asia Research Institute, National University of Singapore





Carbon Governance in Southeast Asia



Identify **optimal arrangements for governing Nature-based Climate Solutions** to **promote inclusive, adaptive and fair governance** across the range of spatial and administrative scales.

Investigate **examples of Nature-based Climate Solutions governance** in Southeast Asia that have been **successful** and assess their **potential transferability to other regions**.

DEL CARMEN, SIARGAO ISLAND
Surigao del Norte

BLUE CARBON



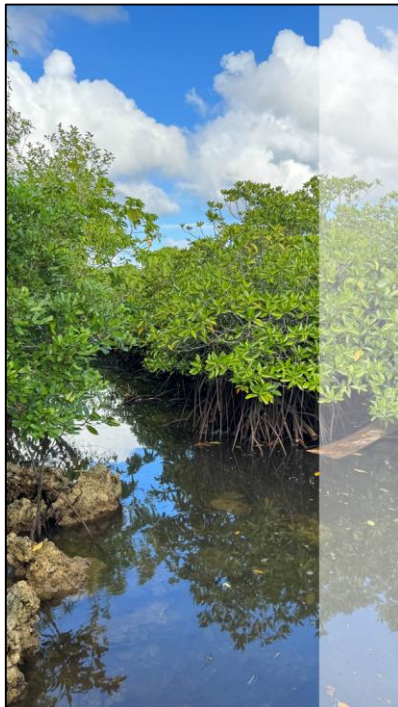
LAKE PANLABUHAN, AGUSAN MARSH
Agusan del Sur

TEAL CARBON





Investigate examples of Nature-based Climate Solutions governance in Southeast Asia that have been successful and assess their potential transferability to other regions.

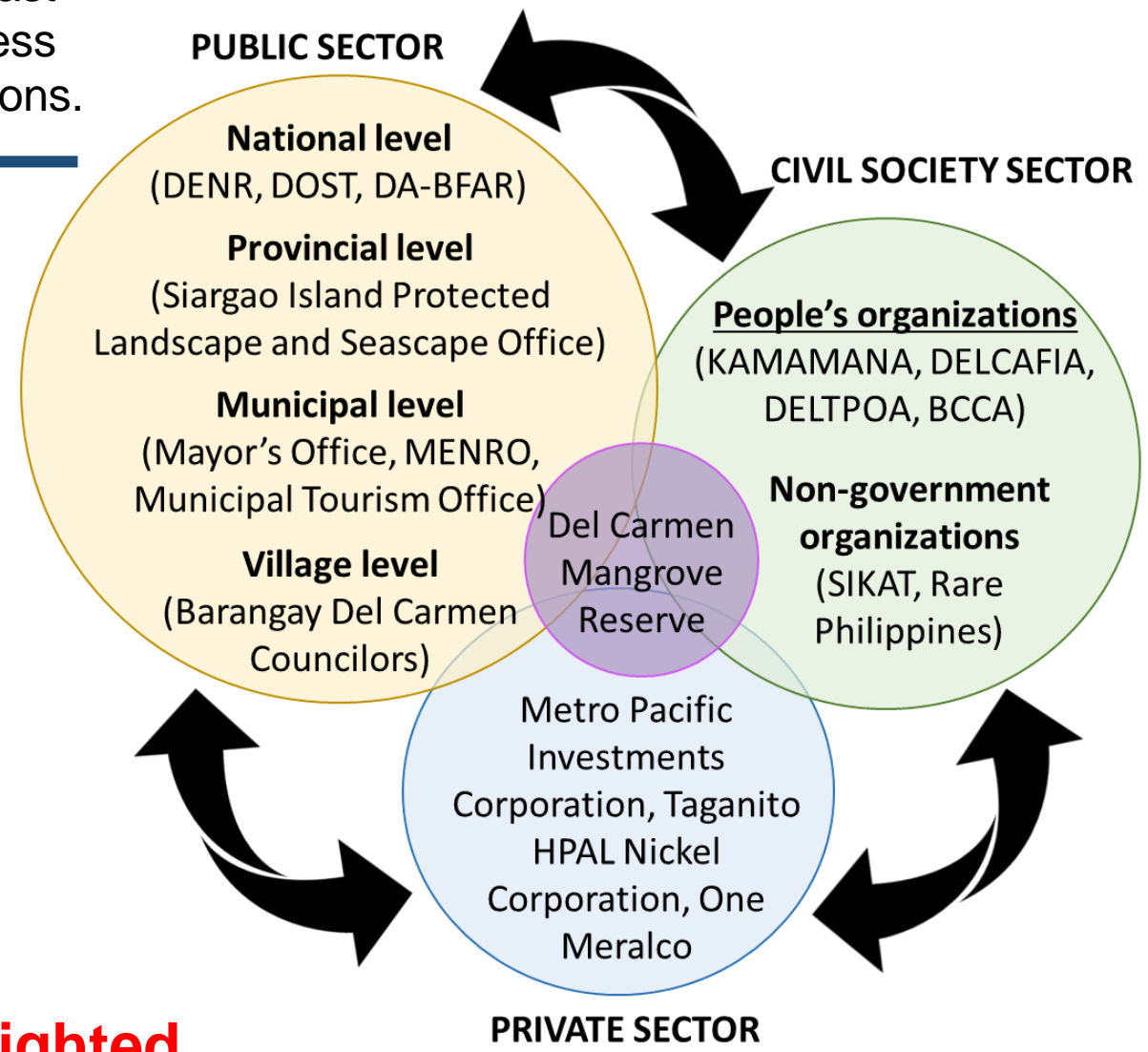


Natural Climate Solutions in Southeast Asia: Positioning Local Carbon Transitions within Global Frameworks

Localizing Mangrove-related International Frameworks: Insights from Del Carmen, Surigao del Norte, Philippines

Jay Mar D. Quevedo
National University Of Singapore

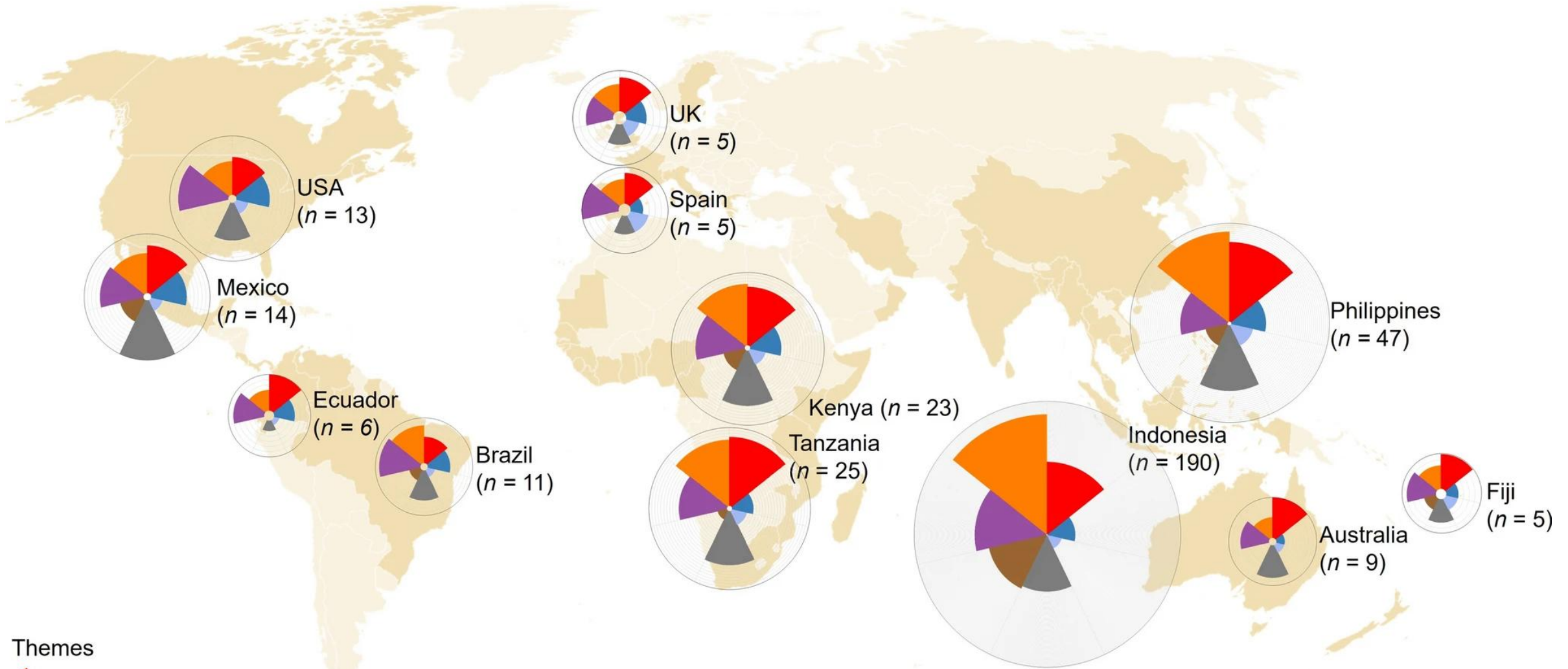
Dixon T. Gevaña
University Of The Philippines - Los Baños



Many similar cases that need to be highlighted and featured in the scientific community!

Perceptions of coastal vegetated ecosystems: A systematic review across geographical and sectoral dimensions

Quevedo, J.M.D., Miller, M.A., Gevaña, D.T. et al. *Ambio* (2025)



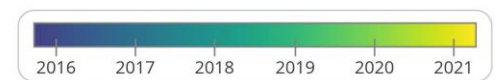
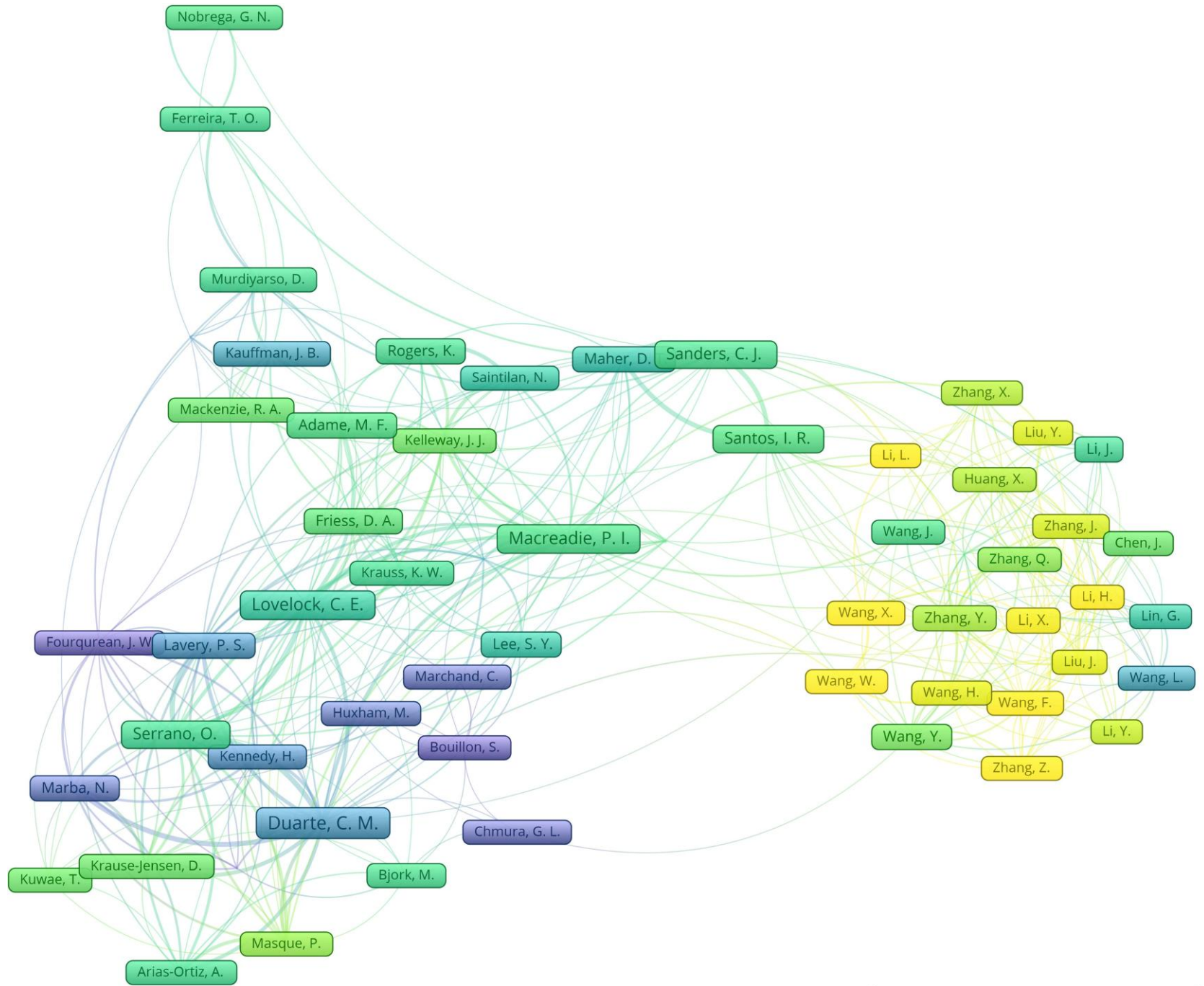
Themes

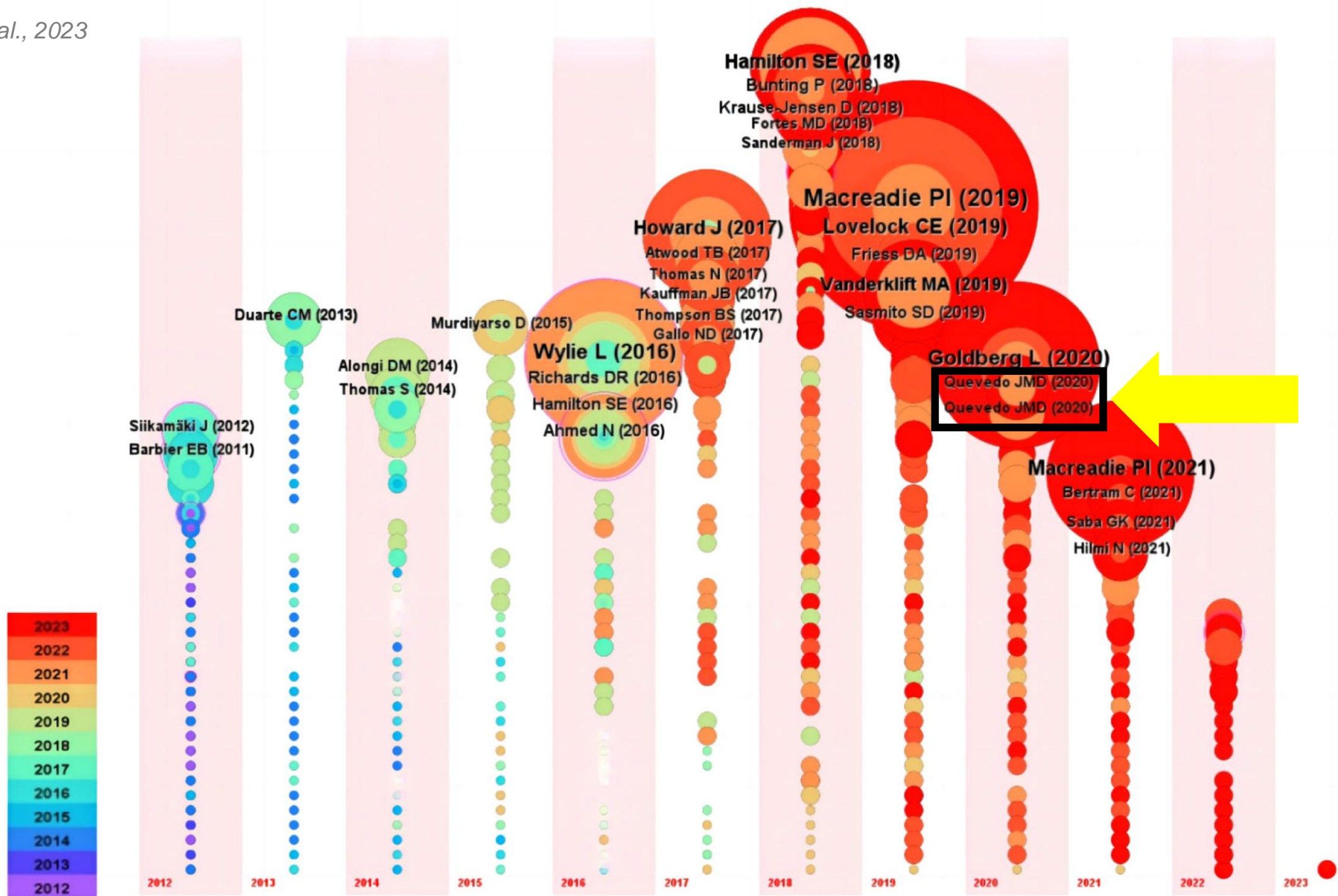
- 1) management, conservation, restoration
- 2) governance, policy
- 3) blue carbon, climate change mitigation & adaptation
- 4) threats (drivers, pressures, impacts)
- 5) ecotourism (or tourism)
- 6) ecosystem services, ecological knowledge
- 7) economic value, utilization

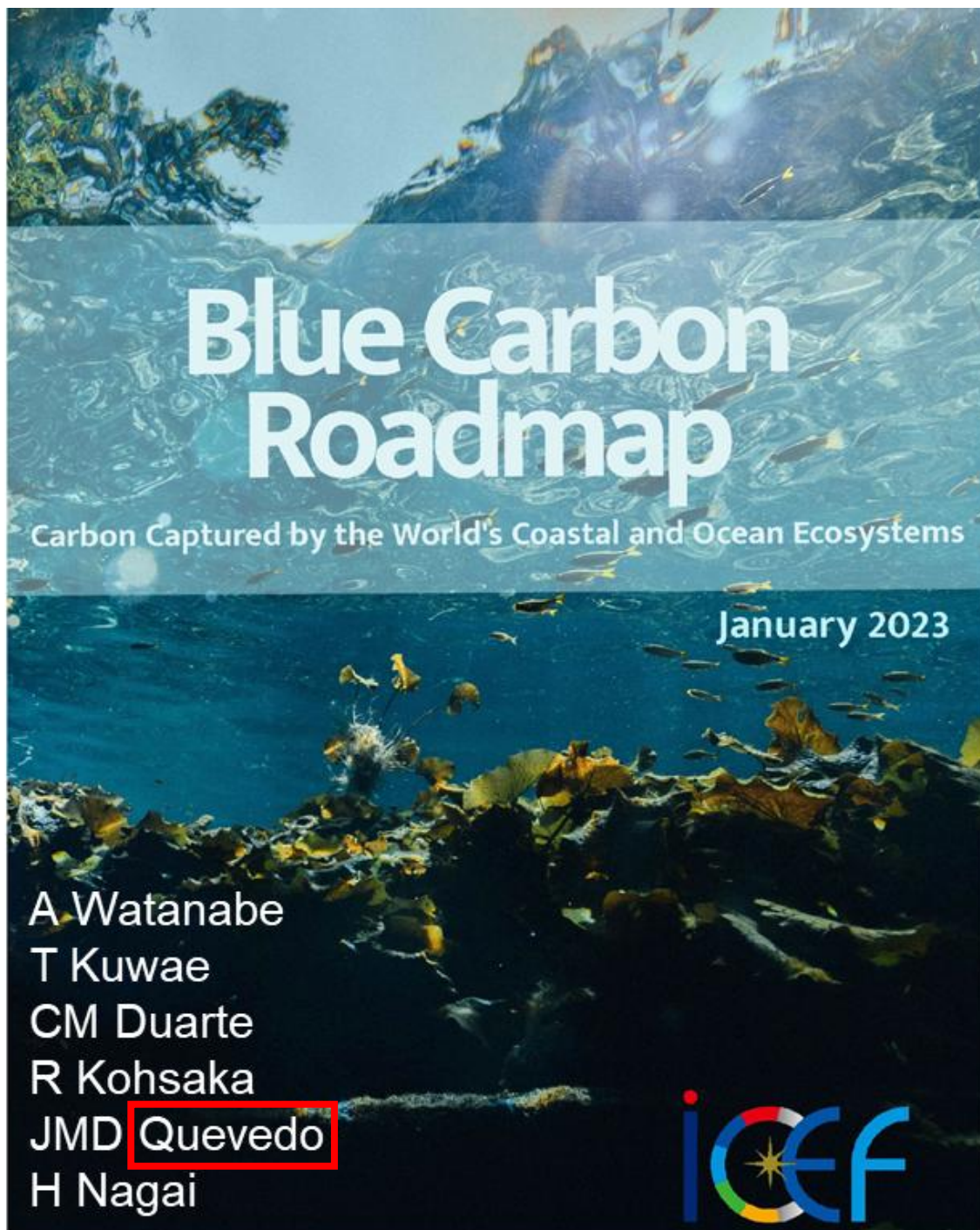
How do we maximize blue carbon research opportunities?



Through Blue Carbon Network!







Filipino Blue Carbon Scholars are part of the global network!

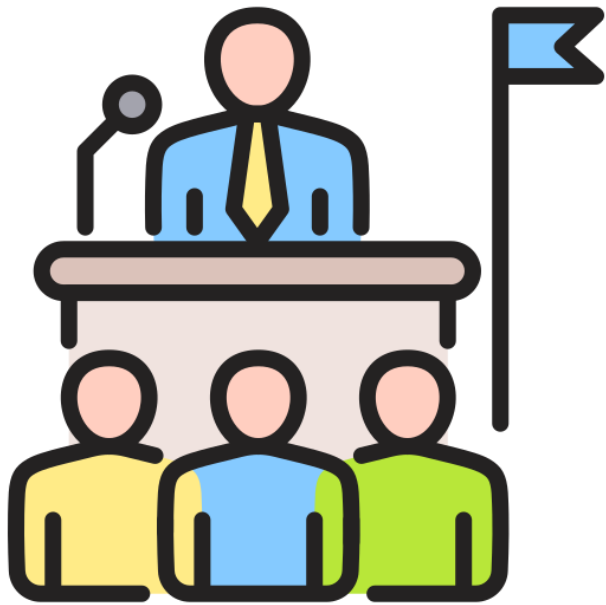
Mangrove blue carbon in Southeast Asia

(manuscript in review)

DA Friess, AA Amir, VB Arifanti, T Aung,
P Chaiklang, RB Gajre, D **Gevaña**, TT
Hien, SS Htay, SL Lee, KK Lwin, D
Mook, C Nyda, U Pimple, JMD
Quevedo, S **Salmo** III, SD Sasmito, ZI
Shribman, F Sidik, TV Vinh, TQ Vo, Z
Zhang

Blue Carbon Network

Should be extended beyond academic institutions



Government agencies



Non-government organizations



People's organizations

What's Next for the Philippines?



Cross-sectoral collaboration



Private sector engagement



Community inclusion



Thank you

Coastal communities were very engaging in blue carbon research!

Acknowledgement

