

# Bending the curve: Are we saving migratory waterbirds in the EAAF?



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Marine  
and Coastal

National Environmental Science Program

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# Australian Shorebird Monitoring



**Australian Government**  
**Department of Agriculture,  
Water and the Environment**



Glenelg Hopkins



Department of  
Environment and  
Primary Industries



Helen Macpherson Smith Trust



Government of South Australia  
Adelaide and Mount Lofty Ranges  
Natural Resources Management Board



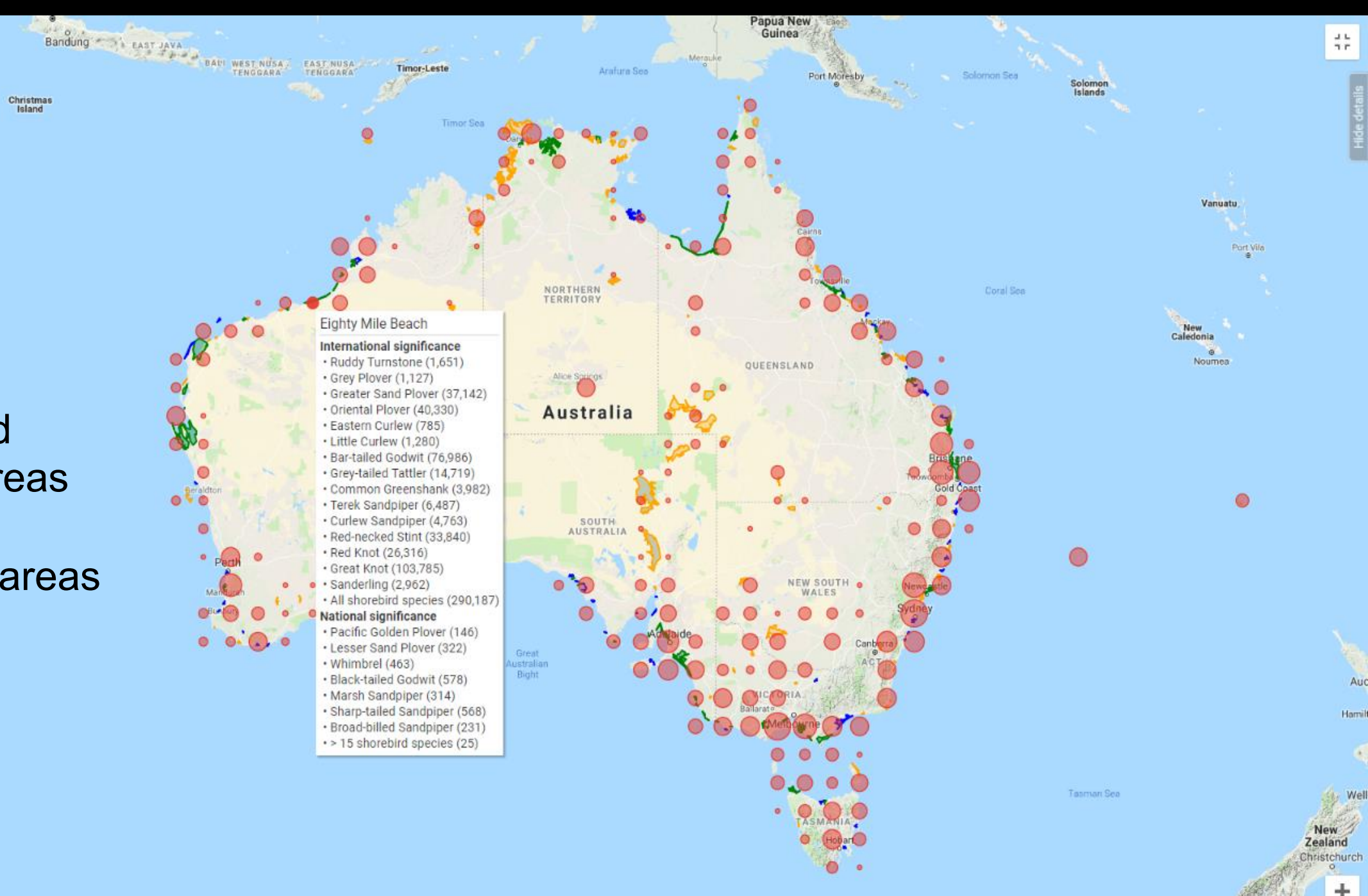
Healthy Parks  
Healthy People'

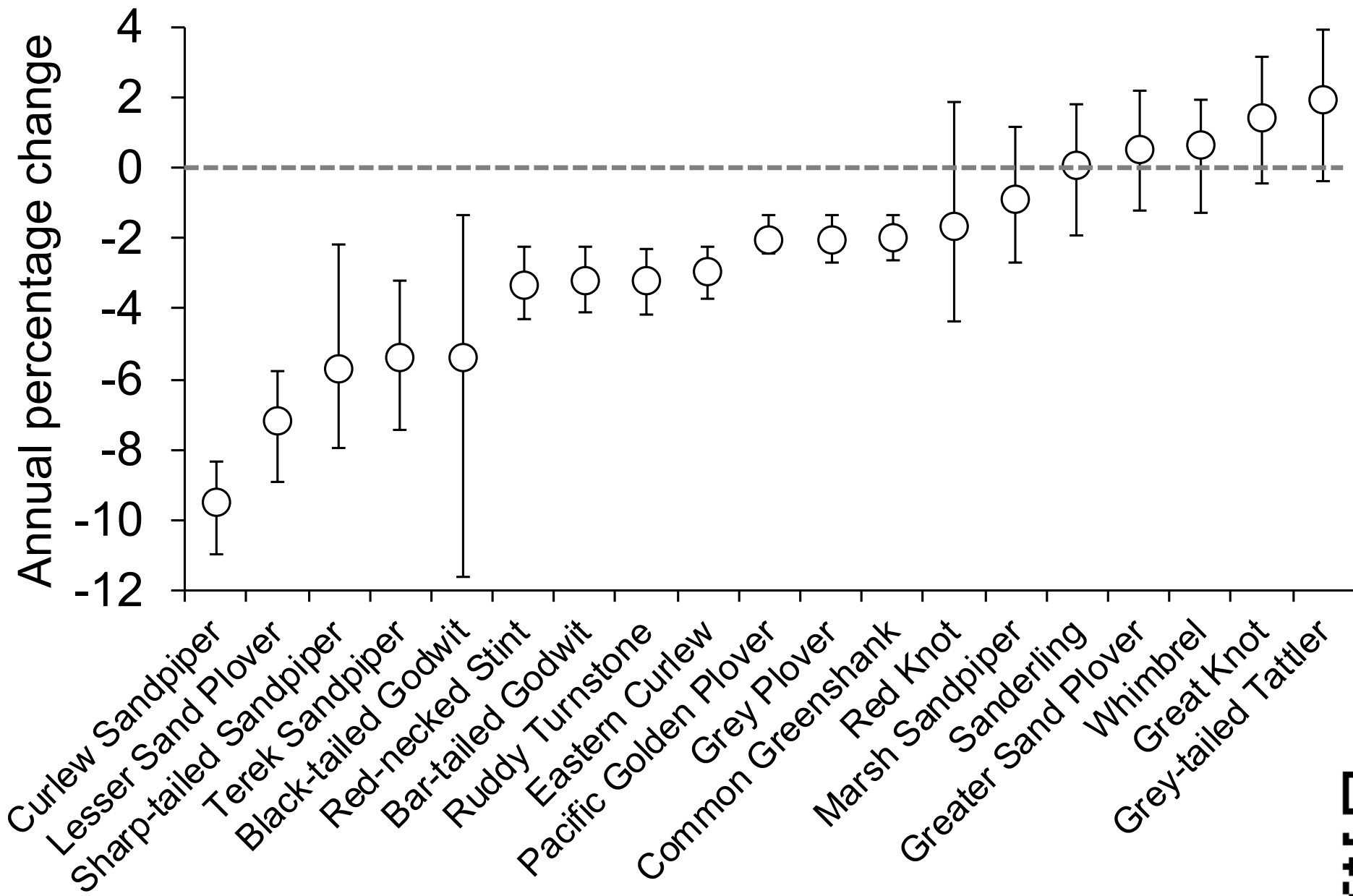




520 mapped  
shorebird areas

2488 count areas

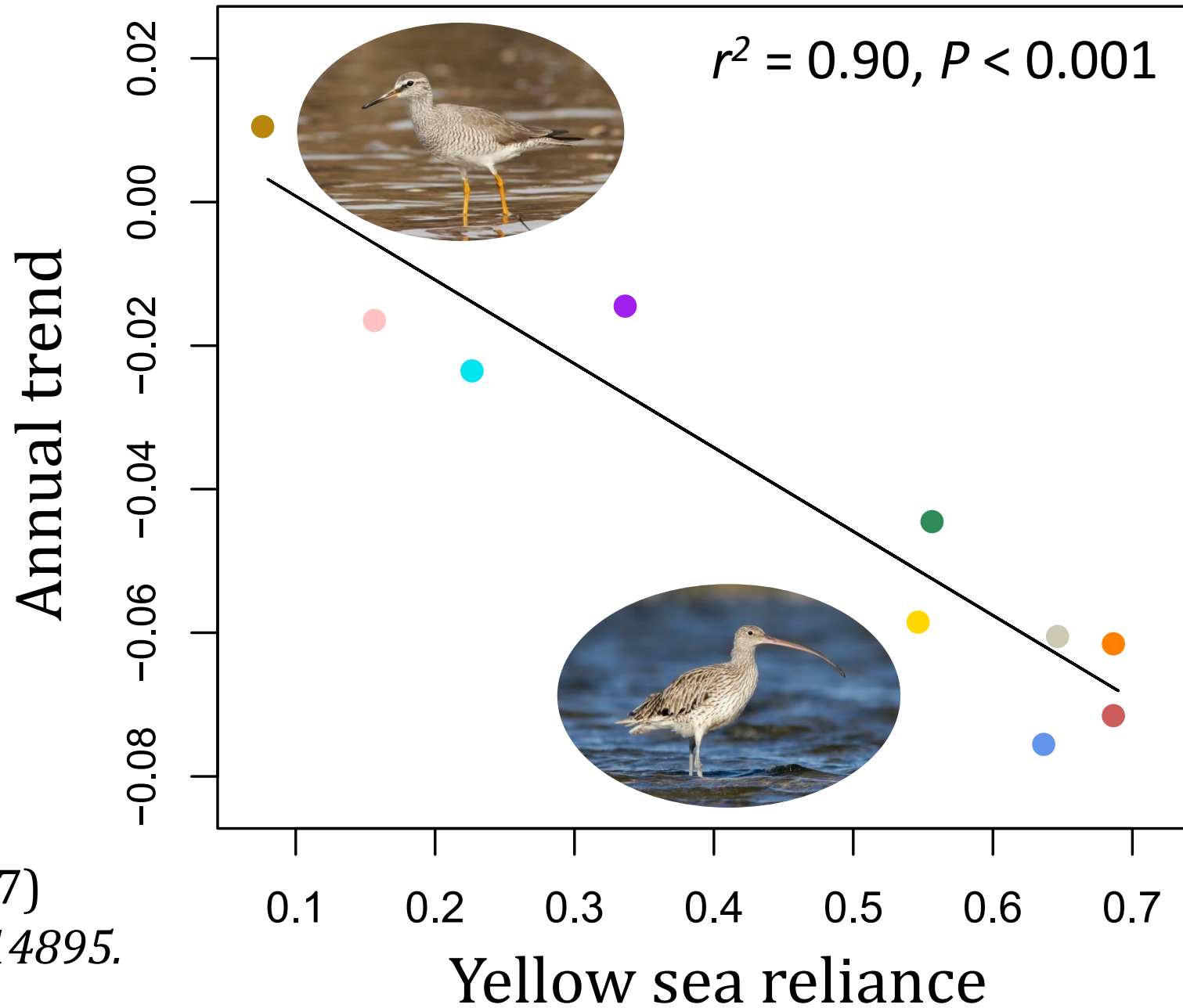




Clemens *et al.* (2016) *Emu*, 116, 119-135.



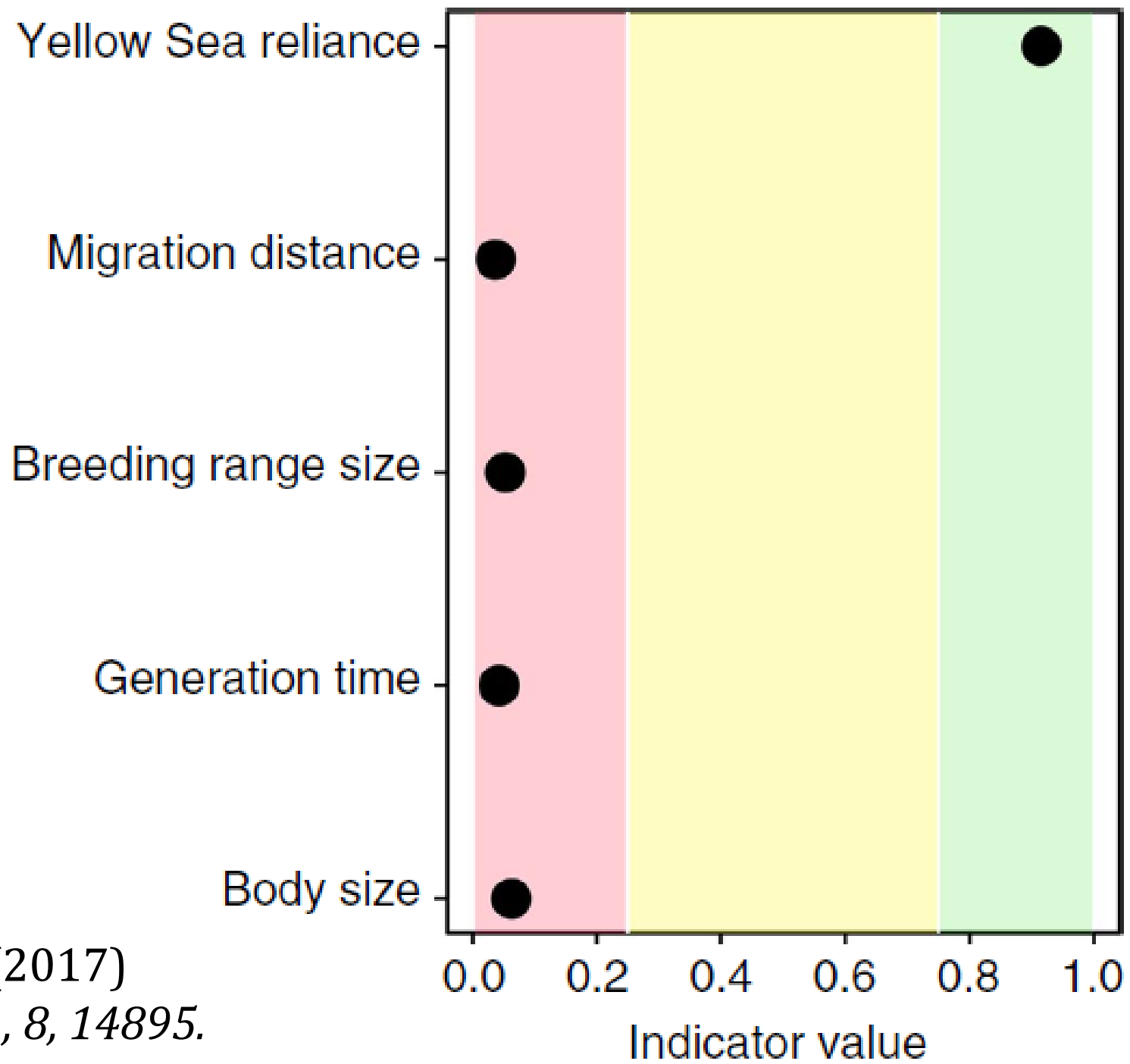
# Yellow Sea migrants declining more quickly



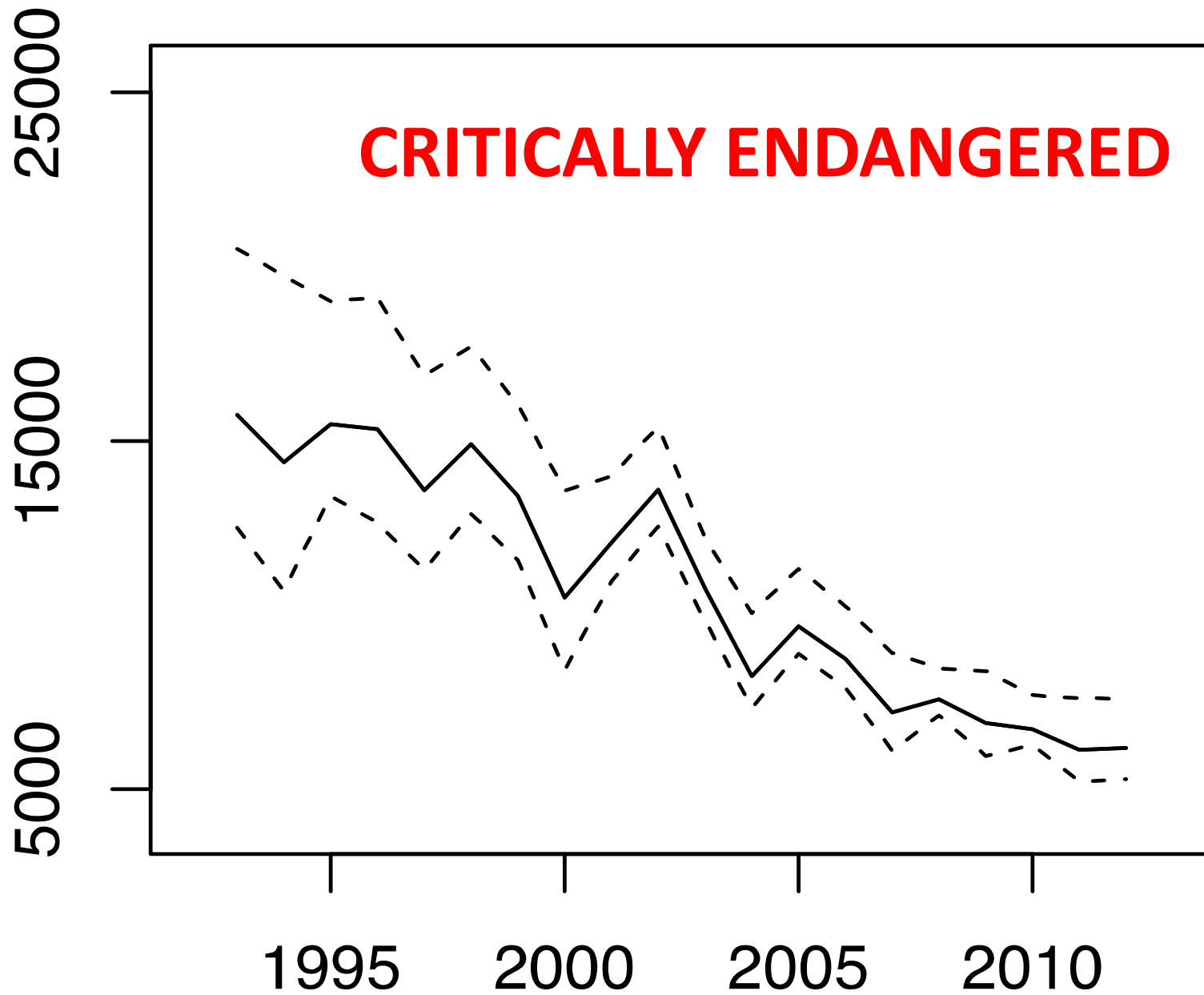
Studds *et al.* (2017)  
*Nature Comm*, 8, 14895.



Studds *et al.* (2017)  
*Nature Comm*, 8, 14895.



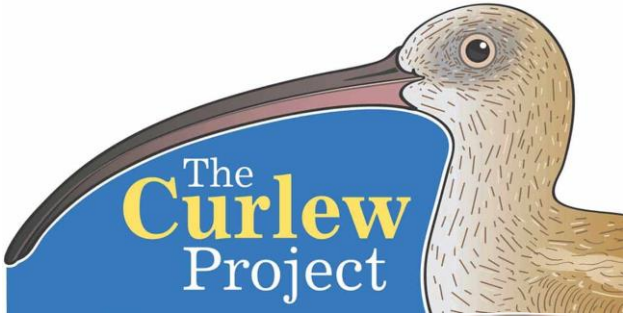




Studds *et al.* (2017) *Nat Comm*, 8, 14895.



Amanda Lilleyman



National Environmental Science Programme



Brad Woodworth

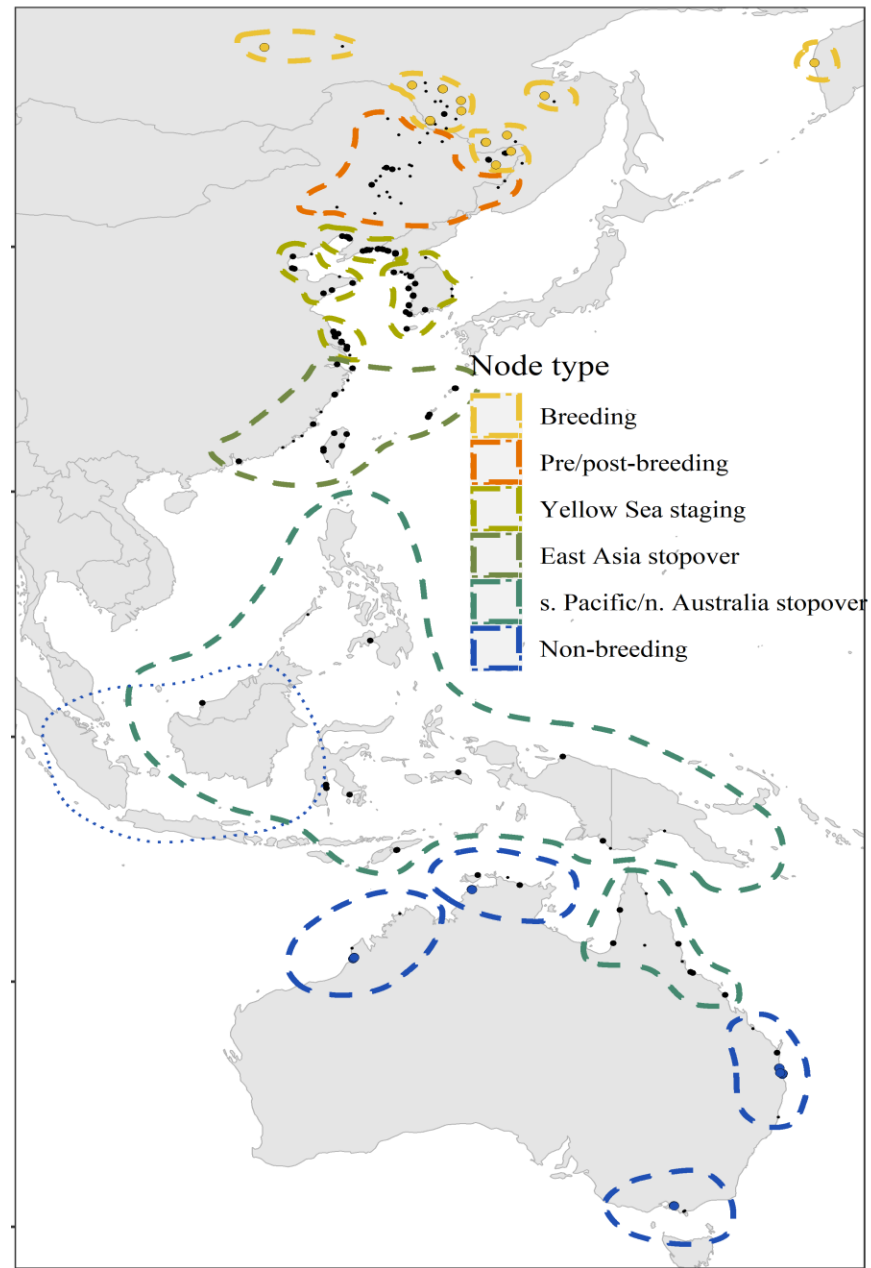
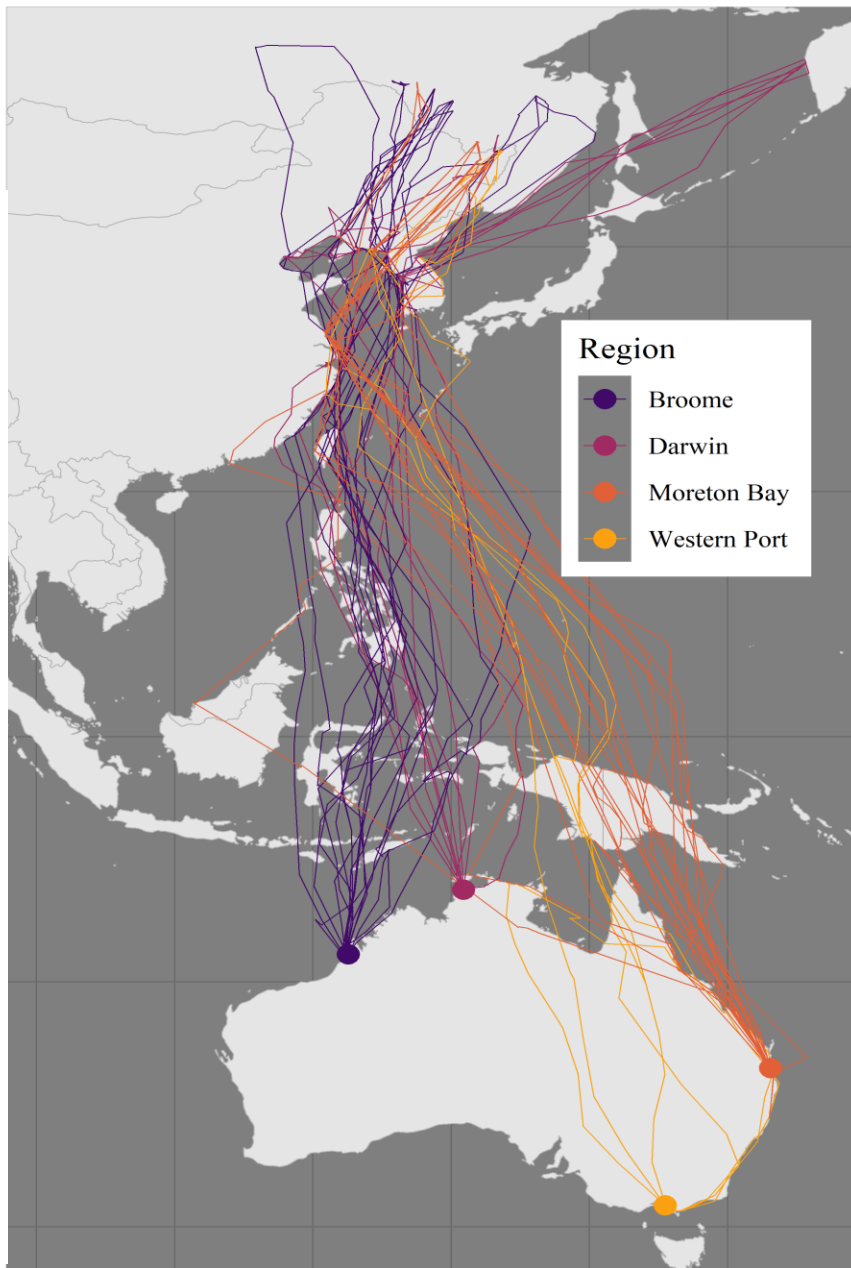
Victorian Wader Study Group (VWSG)



THE UNIVERSITY OF QUEENSLAND AUSTRALIA



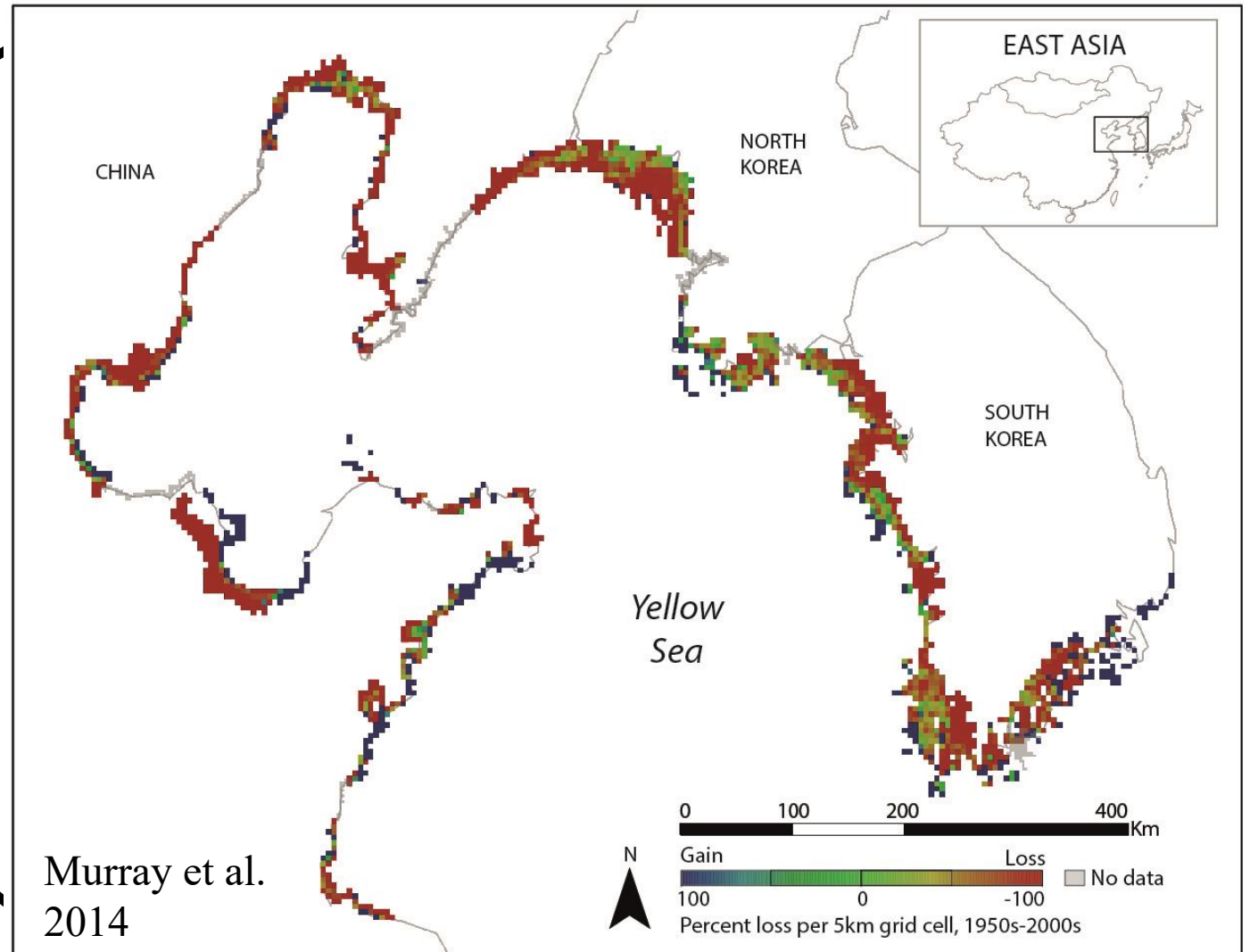
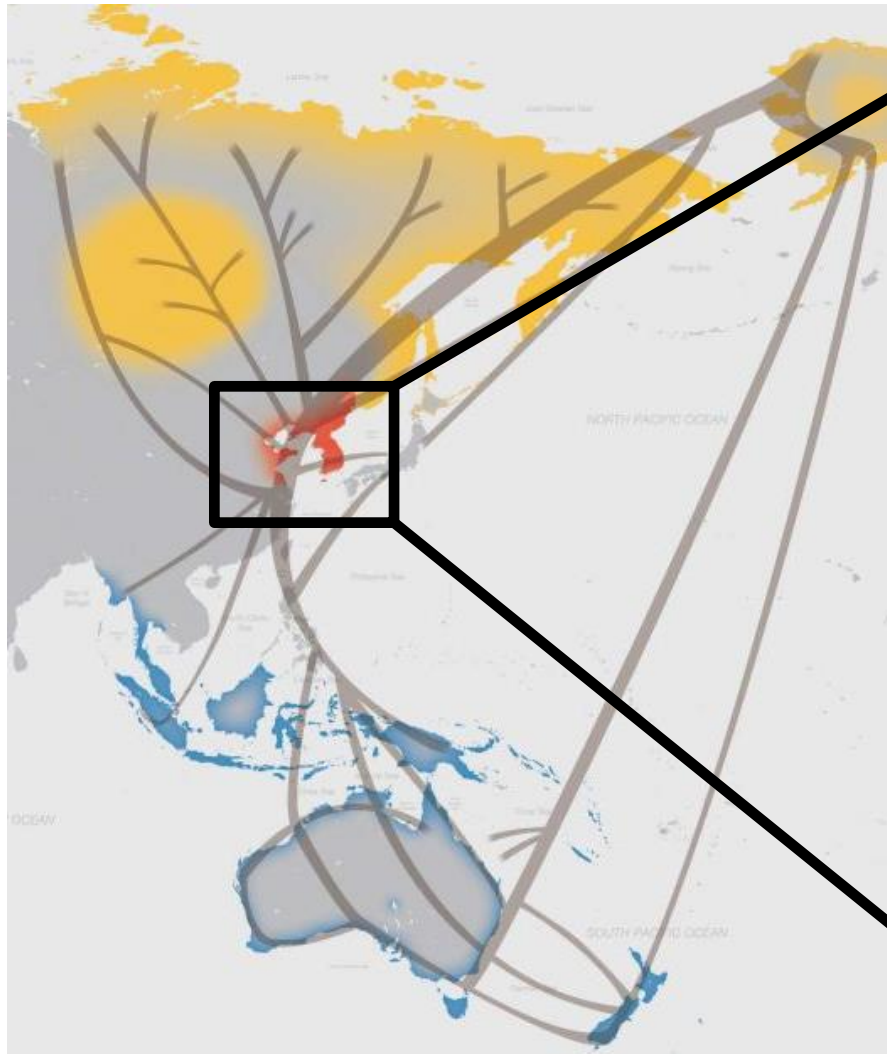
Supporting Shorebird Conservation



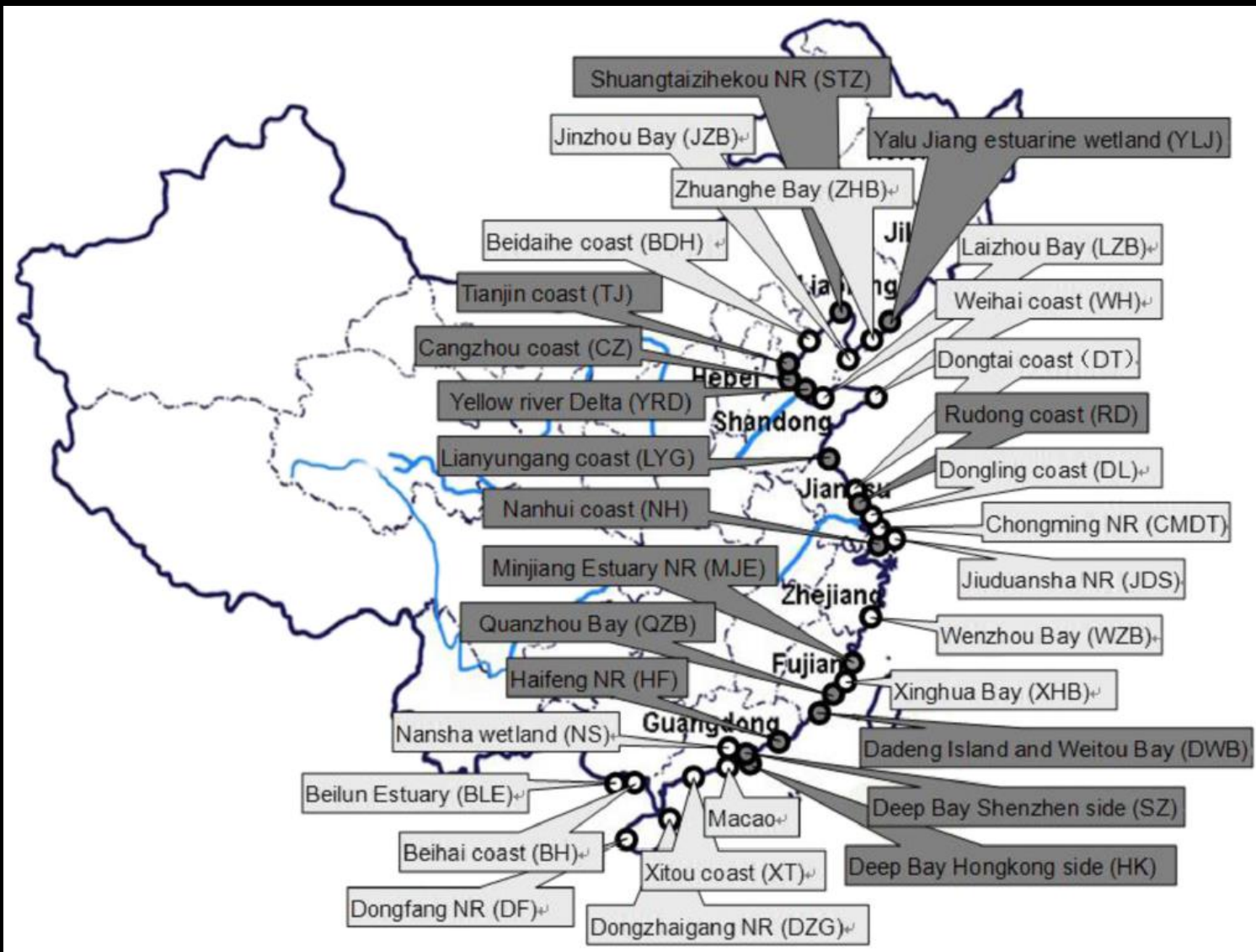
Morrisk *et al.* (2022) Conservation Science and Practice, 4, e594.



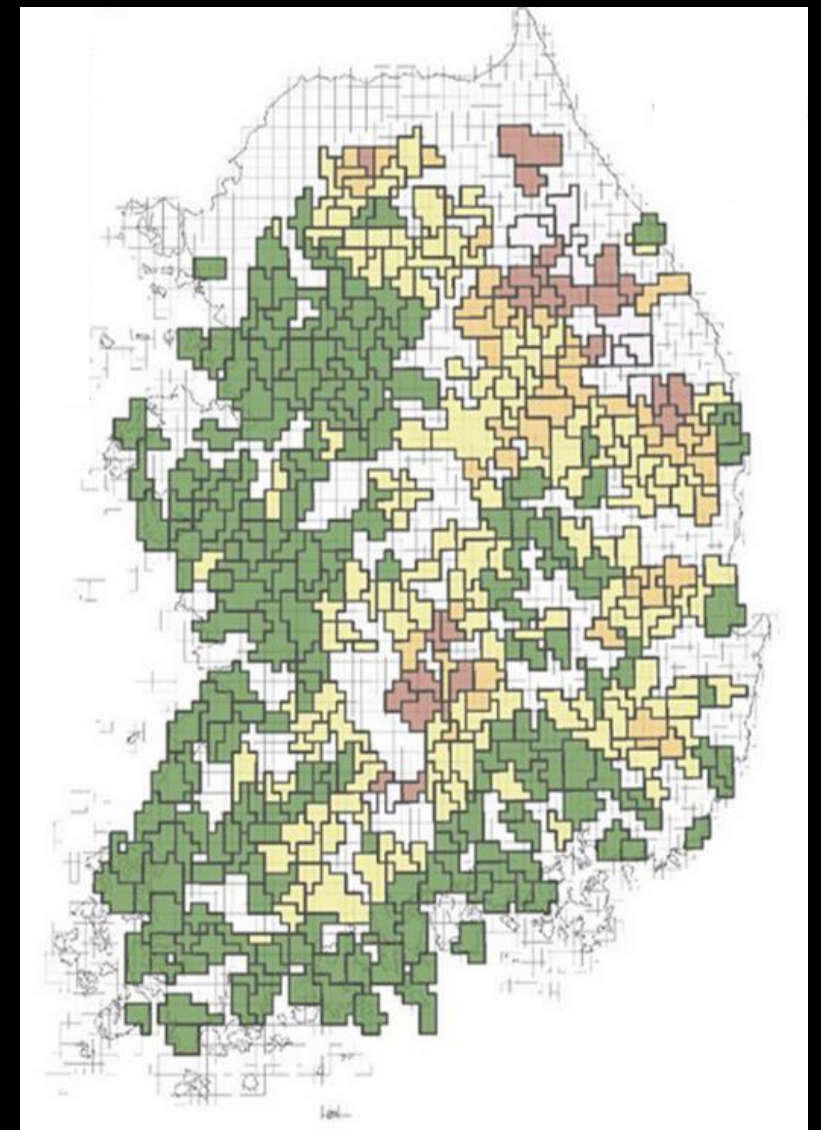
# Loss of intertidal flats in Yellow Sea a major cause of migratory shorebird declines







Bai et al. (2015) *Avian Research*, 6, 12-16.



Kim et al. (2021) *Front Ecol Evol*, 9, 627765.



# World Heritage properties in Korea and China

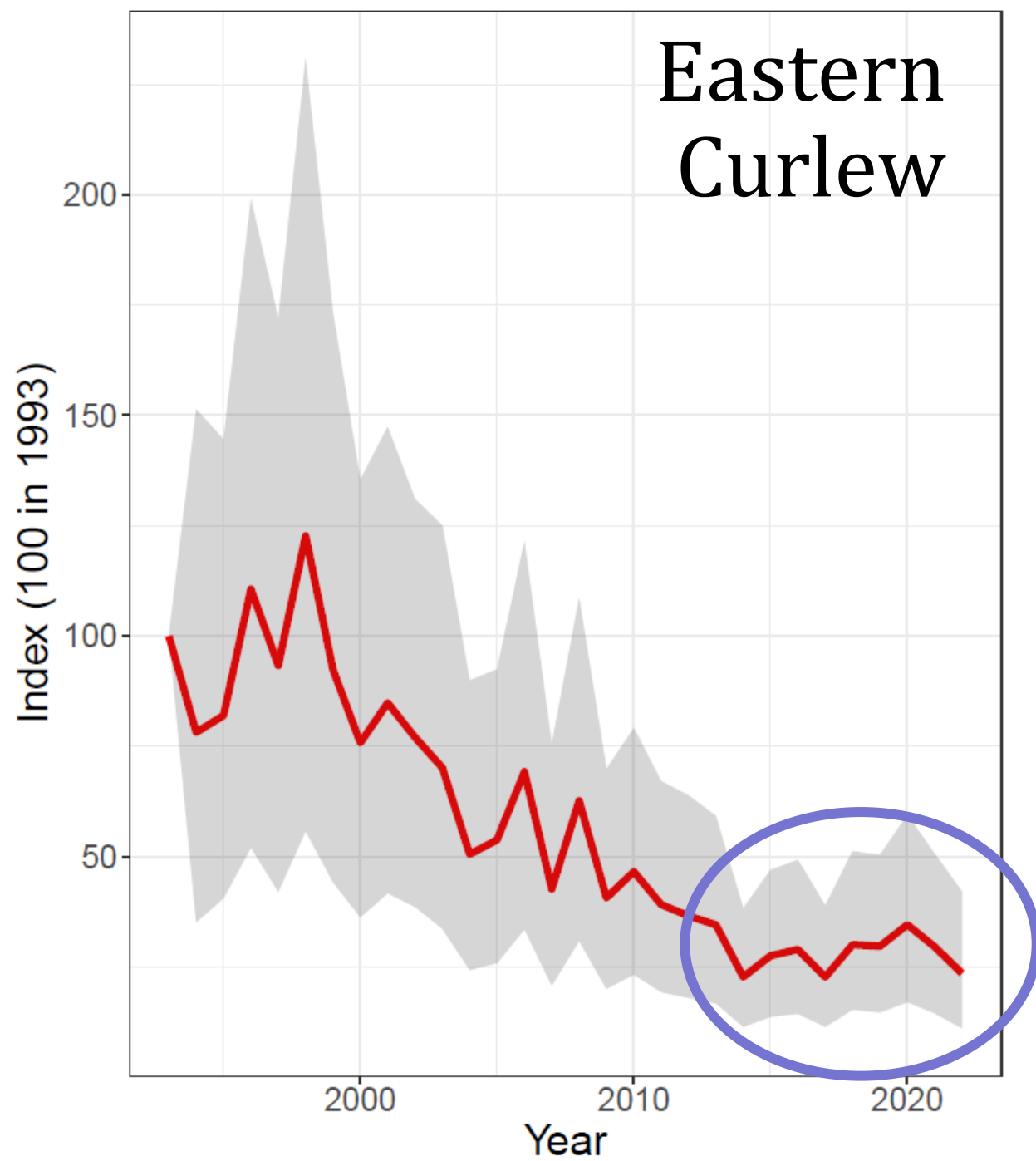
**Getbol, Korean Tidal flats**



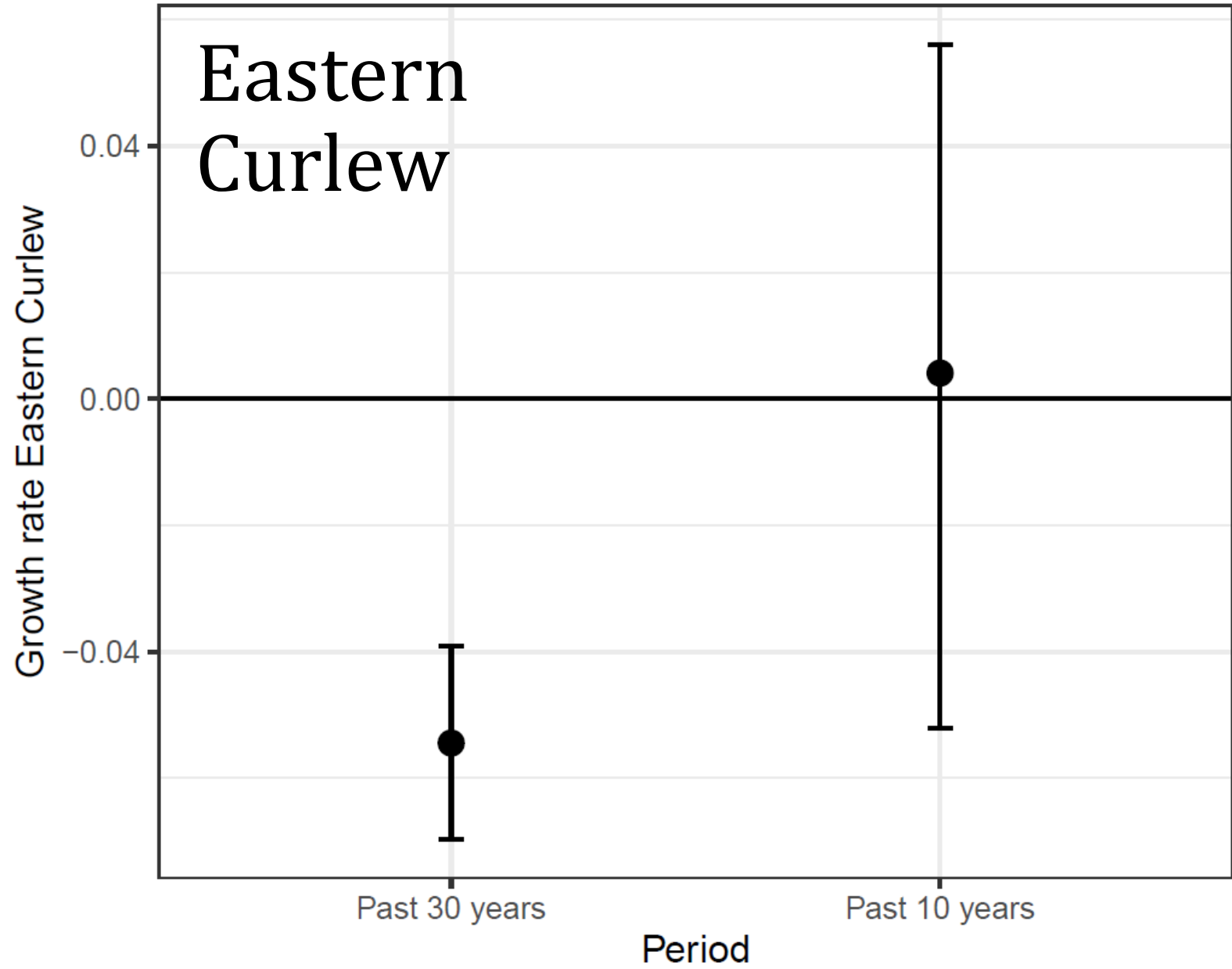
**Migratory Bird Sanctuaries, Phase I,II**















First evidence that some shorebird declines  
are stabilizing

Confidence that conservation actions are  
starting to show results

Task now is to create recovery – restore  
habitat, arrest climate change, stop hunting