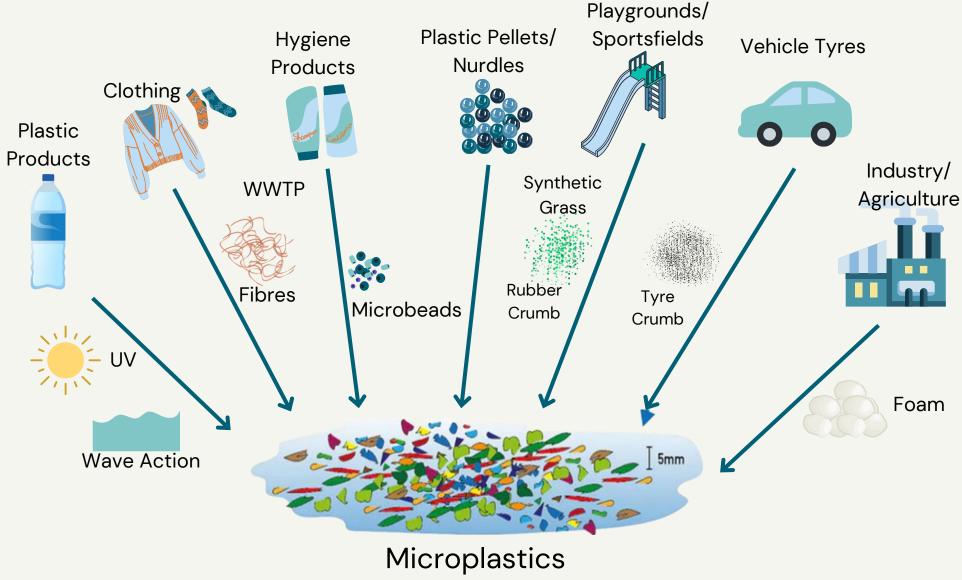




### Sources (both primary and secondary)

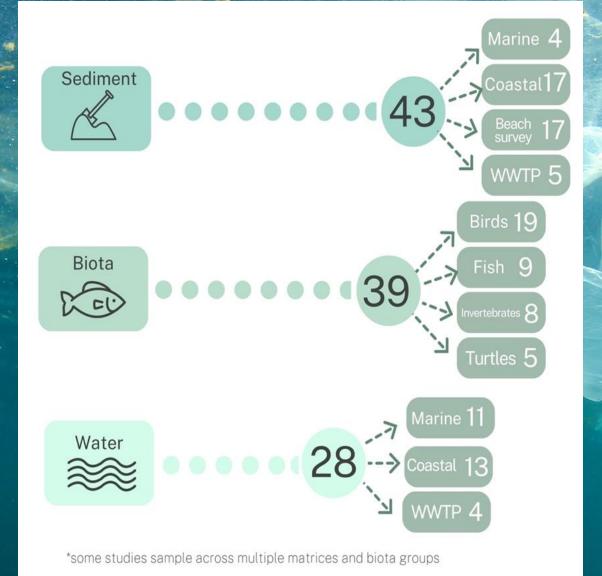




## Microplastic Studies in



### Marine & Coastal Data

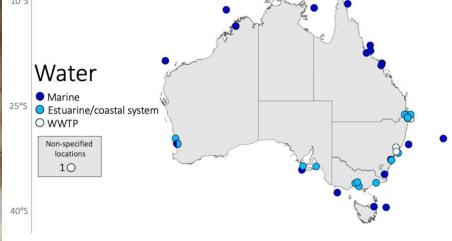


Wootton et al 2024

Mar Poll Bull. 205, 116660

# Coastal Microplastic Distribution







Wootton et al 2024

Mar Poll Bull. 205, 116660



750+

Samples Collected

350+

Sites sampled across Australia

0 1,500+

Citizen scientists trained

40 + Microplastic hotspots identified



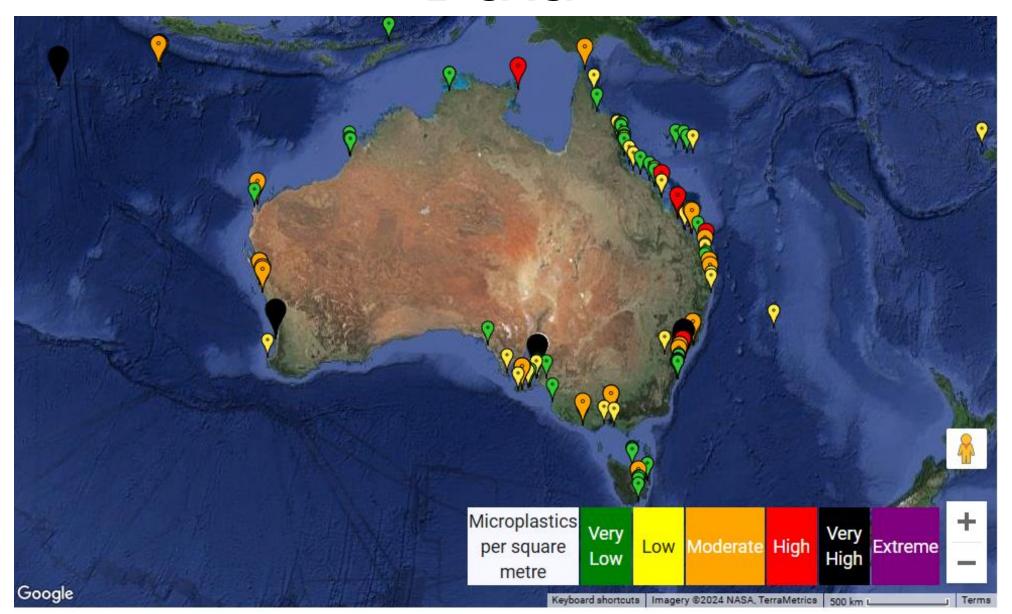
+0008

3,000,000+

Volunteers engaged

Microplastics removed!

# AUSMAP Microplastic Hotspot Data



#### Method harmonisation

### Future Directions

Advanced technology for in situ measurements

Understand risks to individuals and ecosystems

Long term monitoring

Vectors of contamination

Fill gaps in data for other matrices

Reliable small particle measurement



### Acknowledgements

Data presented from a NESP Marine and Coastal Hub Project (1.18 2021) and the AUSMAP database