LATERAL BLUE CARBON FLOWS ACROSS SEASCAPES

Dr. Chris Fulton Principal Research Scientist

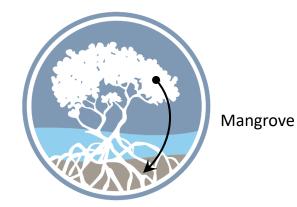


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Unravelling soil carbon sources

<u>Auto</u>chthonous: soil carbon from plants growing in that soil (e.g., mangrove tree into mangrove soil)





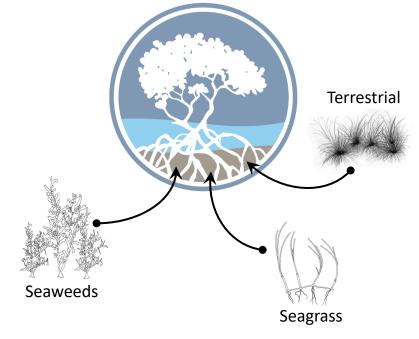


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Unravelling soil carbon sources

<u>Autochthonous</u>: soil carbon from plants growing in that soil (e.g., mangrove tree into mangrove soil)

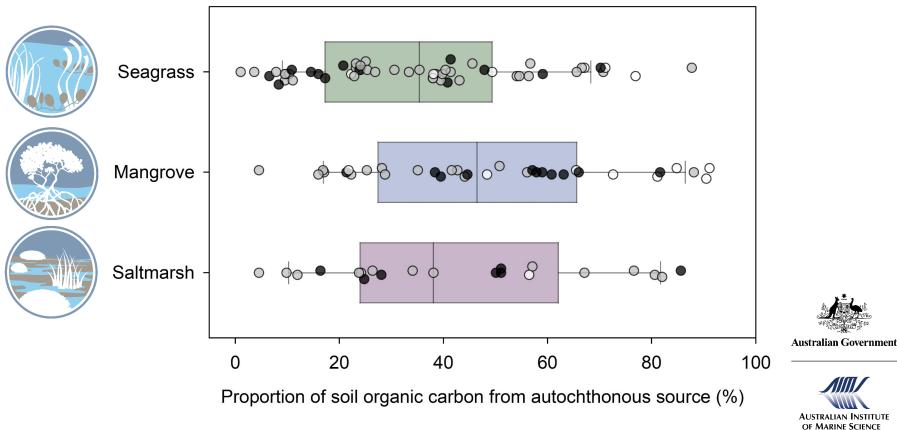
<u>Allo</u>chthonous: soil carbon from plants/seaweeds/plankton growing somewhere else in seascape (requires lateral carbon flows from sources into a soil sink)







Unravelling soil carbon sources



Fulton et al. (in preparation)

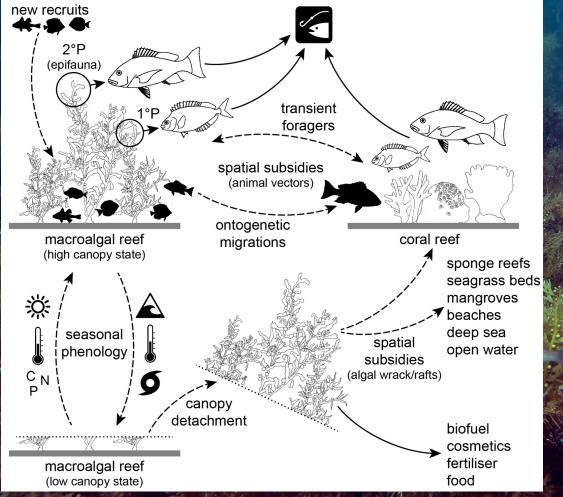
Sargassum meadows



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Sargassum meadows

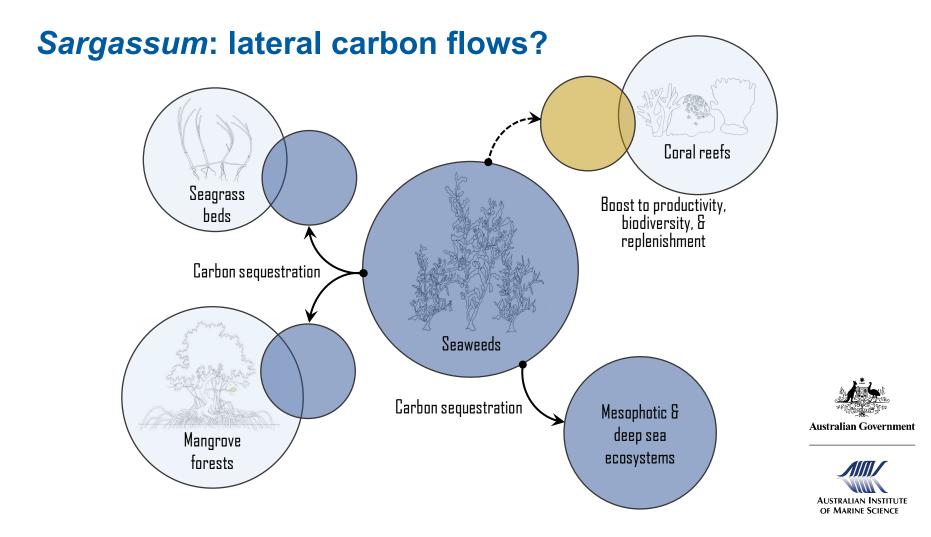


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Fulton et al. (2019) Functional Ecology









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Thank you

c.fulton@aims.gov.au

Traditional Owners

Baiyungu Thalaynji Nyinggulu, Kariyarri

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