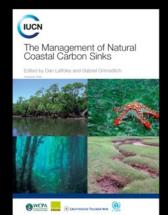
Bang for your buck



Laffoley & Grimsditch 2009

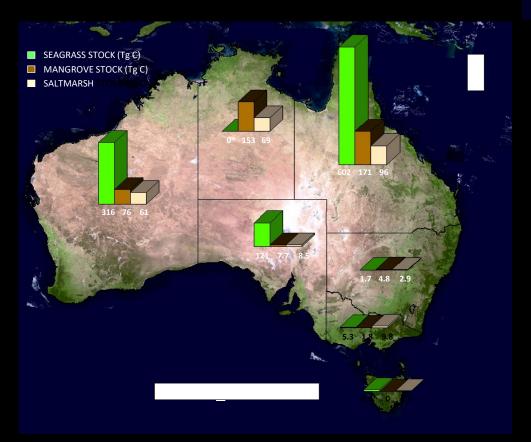


10 000 Carbon burial rate (g C m² yr⁻¹) 1000 100 Seagrasses Tropical **Boreal** Temperate Mangroves forests forests forests marshes

Figure 5. Mean long-term rates of C sequestration (g C m⁻² yr⁻¹) in soils in terrestrial forests and sediments in vegetated coastal ecosystems. Error bars indicate maximum rates of accumulation. Note the logarithmic scale of the y axis. Data sources are included in Tables 1 and 2.

McLeod et al. 2011

Australia's Blue Carbon Stocks (Serrano et al 2019)



1500 mill t C_{org} in BC soils

- 10-30% of global BC
- 413 y of road transport emissions

Every year 20 mill t CO₂ sequestered



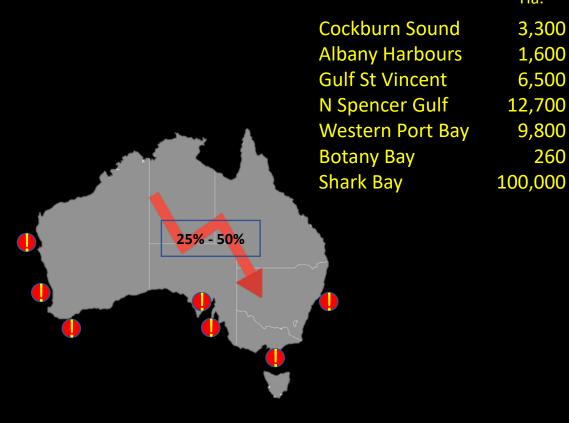


This could all go back to lose our seagrasses

And losing them we are ...

Historical seagrass loss in Australia





Ha.

3,300

1,600

6,500

260

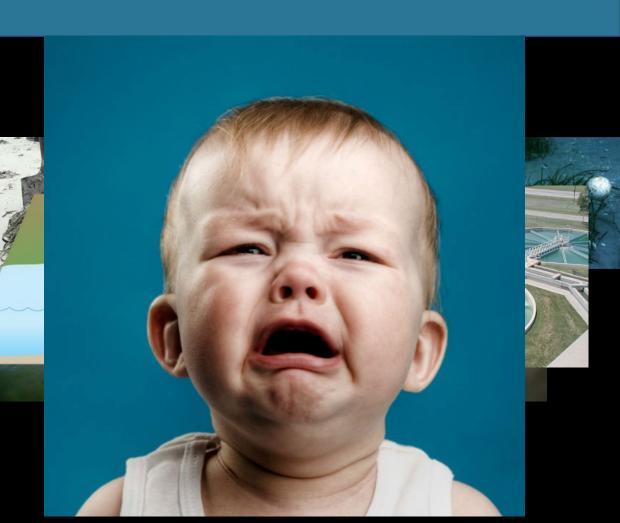
Restoring seagrass

Remove pressure catchment management

Facilitate recovery

Active restoration

Plant biology





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Seeds for Snapper Dive Group

O Public group · 298 members

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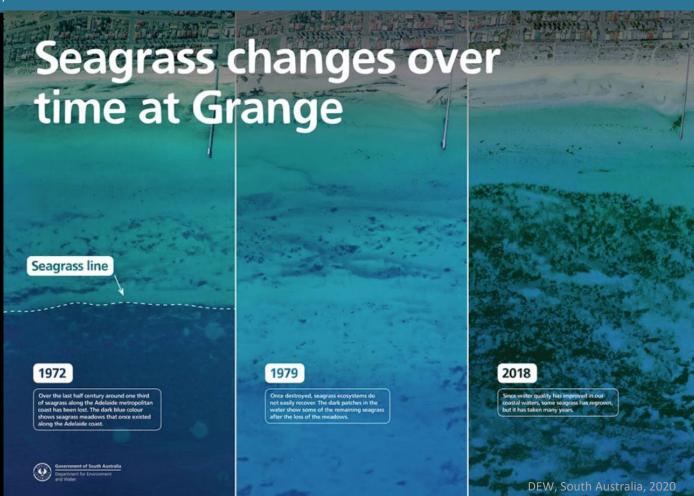
Join Group

Q

••

Massive recovery of seagrass in Adelaide's coastal waters







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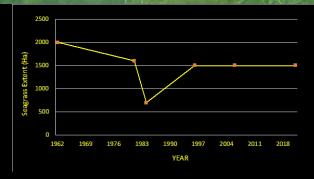






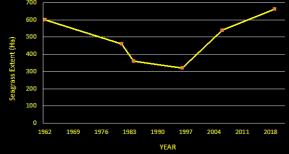
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Princess Royal Harbour

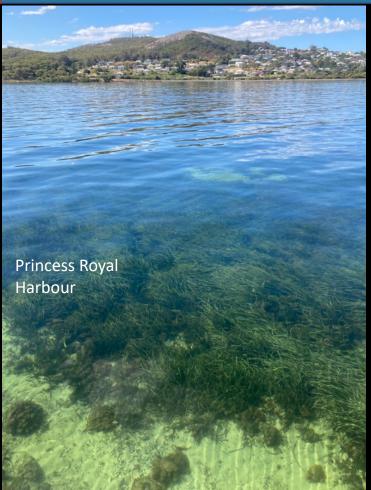




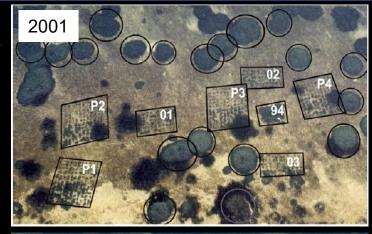
Oyster Harbour

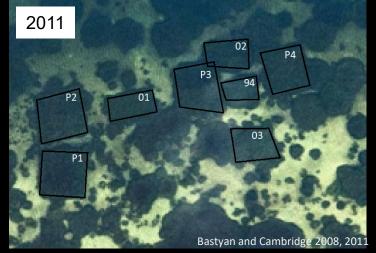


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Oyster Harbour







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