

CSIRO Coastal Environmental Modelling Team:

Hydrodynamics, Sediment Transport, Biogeochemistry, Spectral Optics

Karen Wild-Allen, Farhan Rizwi, Mark Baird, Mike Herzfeld, Emlyn Jones, Nugzar Margvelashvili
Mathieu Mongin, Jack Beardsley, Richard Thomson, Jenny Skerratt, Clothilde Langlais

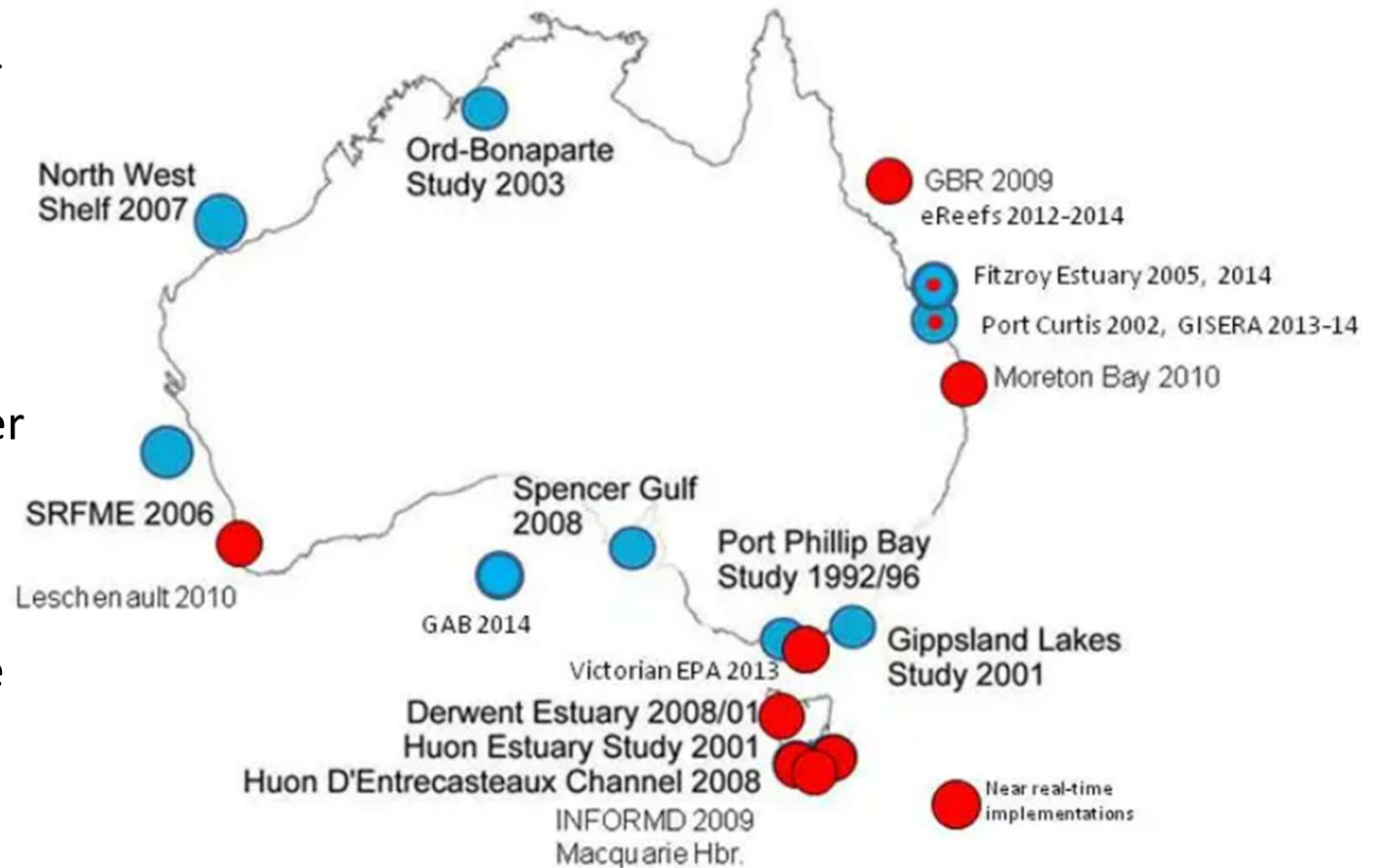
CSIRO ENVIRONMENT
www.csiro.au



<https://research.csiro.au/cem>

'Digital Twins' of the coastal marine environment

- Estuarine, coast & shelf scale models
- CSIRO EMS 3D curvilinear & unstructured grids
- Hydrodynamics, sediment transport, spectral optics, biogeochemistry, data assimilation
- Multi-scale, multi-parameter model validation against observations
- Hindcast, near real-time, short-term forecasts, future scenarios
- Research tools, decision support for resource managers

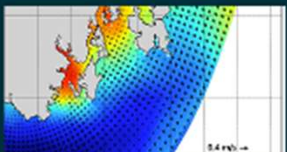


Storm Bay Modelling & Information System

Quick look


Model outputs

Summaries of latest model outputs



Connectivity

Summaries of connectivity metrics



Planning & analysis


Data Explorer

Interrogate data via an interactive map




RECOM

Relocatable Coastal Model Service



Connectivity runs

Queued and completed Connie runs



MAREE

The Marine Ecological



Reference

Project reports

Reports & related materials

Open →

Contacts

Key contacts for this system

Open →

Links

Links to related information

Open →

NRT Water Quality

