



eReefs OPeNDAP addresses

All eReefs Data Catalog links are available from the [Jupyter Book](#).


AIMS eReefs THREDDS server





 **Catalog** <https://thredds.eereefs.aims.gov.au/thredds/catalog.html>

Dataset
 [Data derived from the eReefs model/](#)


AIMS eReefs THREDDS at Australian Institute of Marine Science see [Info](#)
THREDDS Data Server [Version 4.6.14 - 2019-07-23T11:04:31-0600] [Documentation](#)




NCI eReefs THREDDS server

 **Catalog** <https://dapds00.nci.org.au/thredds/catalogs/fx3/catalog.html>

Dataset	Size
 eReefs GBR4 hydrodynamic v1.85 model data/	
 eReefs GBR4 Hydro All v1.85 model data/	
 eReefs GBR4 hydrodynamic v2.0 model data/	
 eReefs GBR1 Hydrodynamic v1.71 model data/	

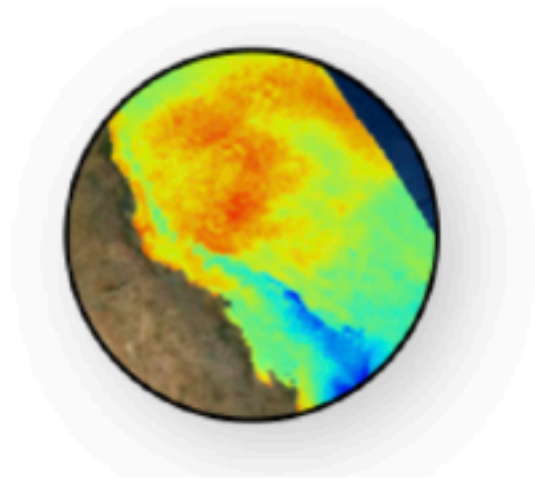
BOM eReefs THREDDS server

 **Catalog** http://ereefds.bom.gov.au/eereefs/tds/catalogs/eereefs_data.html

Dataset	Size
 Reef temperature/	
 mwq/	
 Catchment Modelling/	
mwq_dateLists_PLD	

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Environmental Simulation Modelling

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- Interactive notebooks
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MODEL & DATASET

- eReefs model description
- Data formats and access

SCIENTIFIC PYTHON FUNDAMENTALS

- The scientific Python stack
- Introduction to numpy
- Introduction to matplotlib
- Maps in Scientific Python

DATA ANALYSIS

- Pandas



eReefs data catalogs

There are many places where you could find eReefs dataset. Here is a non-exhaustive list of some of the servers we will be using during the course.

Hosted by the Australian Institute of Marine Science (AIMS)

The [AIMS eReefs THREDDS server](#) provides access via OPeNDAP for all NetCDF files produced by the AIMS eReefs system. The AIMS eReefs THREDDS service contains regridded and aggregated format of the eReefs model output.

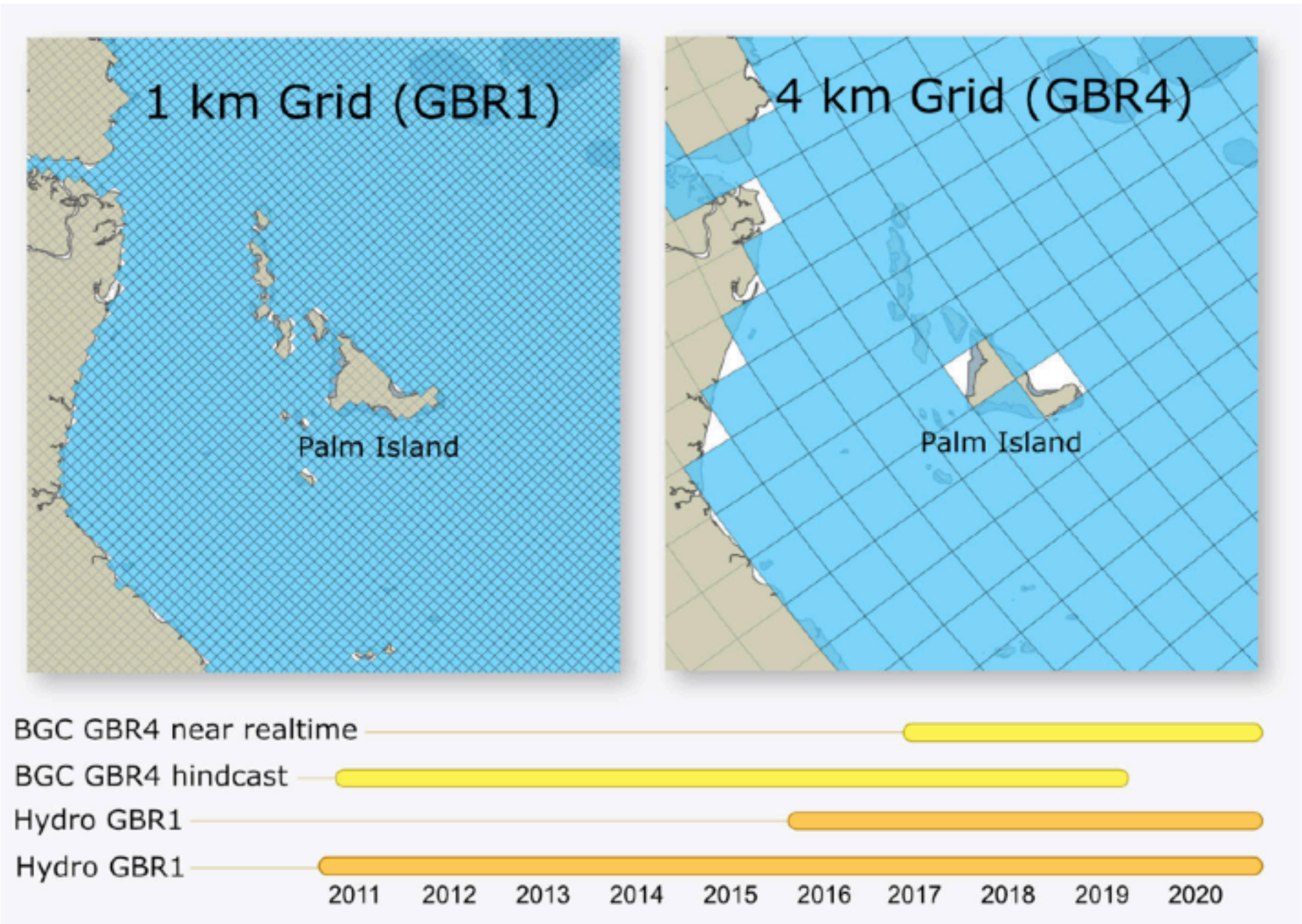


Fig. 6 Different time span and sample rate for eReefs dataset

Contents

- eReefs data
- Data Access
- Data File Structure
- eReefs data catalogs**
- Hosted by the Australian Institute of Marine Science (AIMS)
- Hosted on the National Computational Infrastructure (NCI)
- Hosted by the Bureau of Meteorology