**eReefs Marine Water Quality Services – Training Agenda**

GBRMPA – Townsville

10 June 2015

10:00 Science of Ocean Colour and SST (15 Min)

10:15 Meta data and data structure (15 Min)

How MWQ data is processed and provided via OpenDAP/THREDDS/MWQ Dashboard

10:30 How to use the eReefs MWQ Dashboard (15 Min) – Demonstration

Sticky notes for computer exercises = place a ***red*** sticky note if you need help and ***green*** if everything is going well.

Exercises (45 Min)

* Discover and download ReefTemp DHD data for 18 February 2015 as a NetCDF file
* Display a summary map of and then create a summary table of Chl\_a for the 2013 Dry Season for the Fitzroy NRM region that shows:
  + Number of valid observations, Max, Min, Mean, Median
  + Now download this table
* Display most recent true colour satellite image
* Questions

11:30 JCU Presentation (30 Min)

12:00 Lunch (60 Min)

1:00 Advanced data access (60 Min)

Panoply

NCVIEW 2.1.2

2:00 Custom data access (60 Min)

Python

* Data access and analysis
* Exercises
* Questions

3:00 Completed