



Website update and test site discussion

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Main message

- Need for updates on cal / val portal with respect to Australian calibration sites
- Perhaps raises general issues with upkeep of the cal/val portal site data

From Cal / Val portal



Sites on CEOS Cal val portal as test sites

- Thangoo desert (Metric site, CNES)
- Amberla (Metric site, CNES)
- Lake Frome (Radiometric site, CSIRO/GA)
- Hay (Metric site, CNES)
- Lucinda (Coastal /ocean colour, CSIRO)

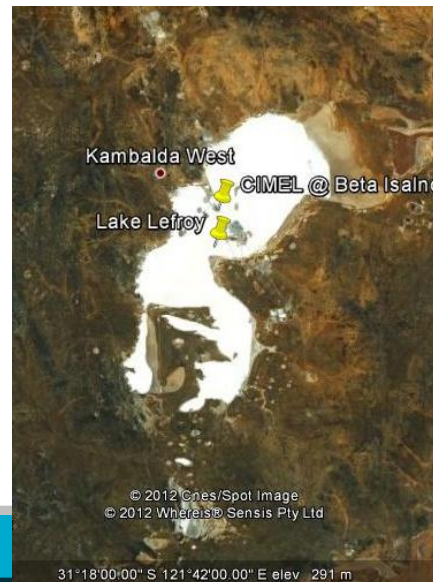
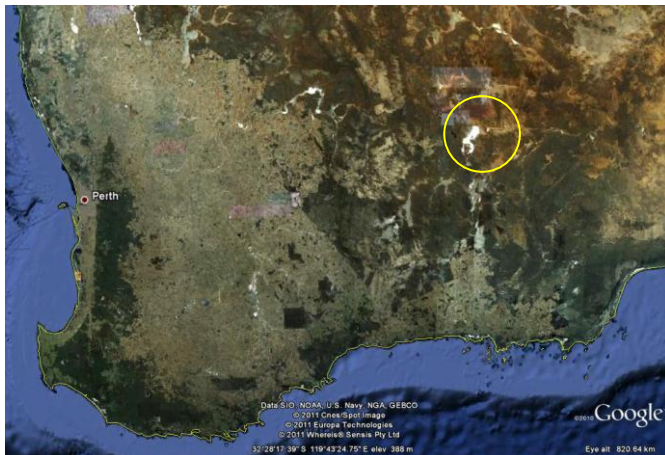
Should be

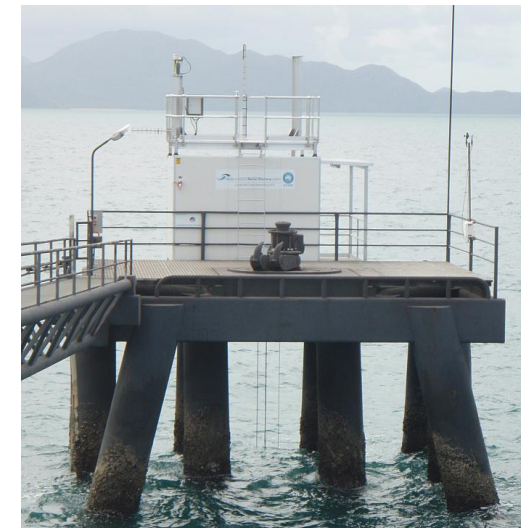
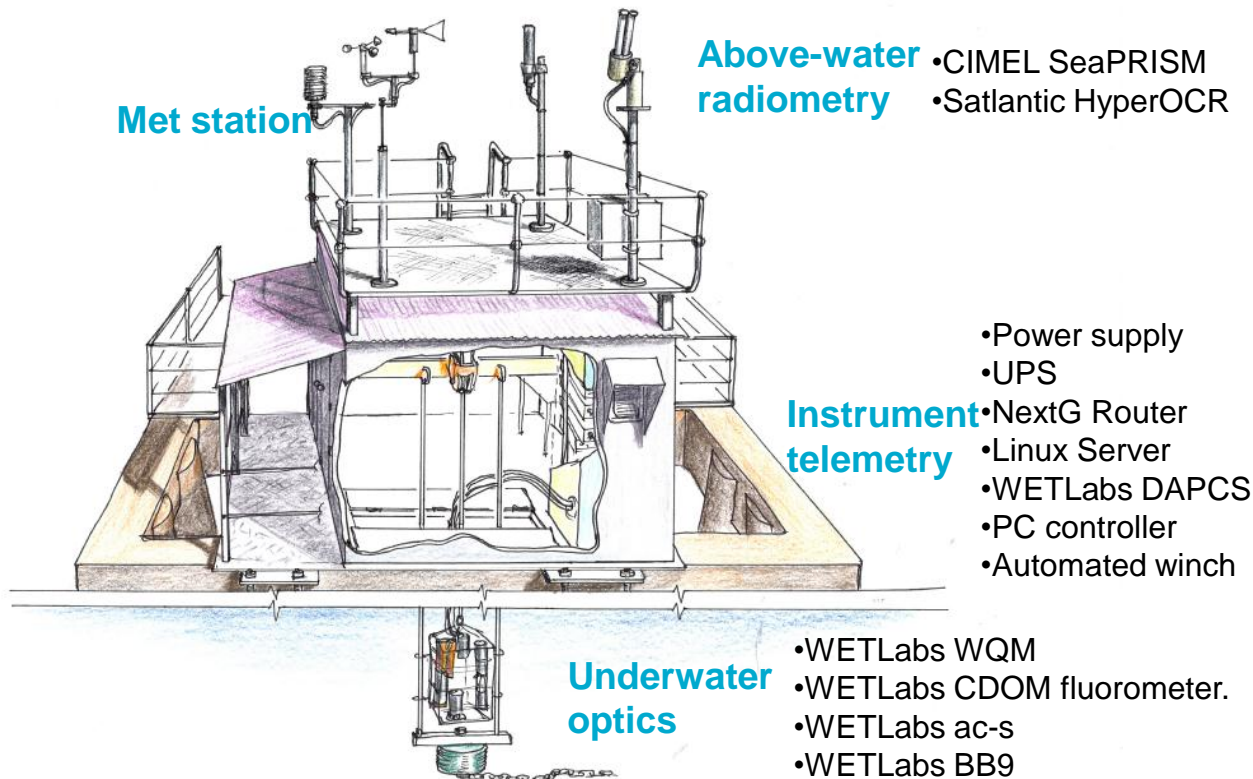
- Lake Frome – Radiometric (intermittent)
- Lake Lefroy - Aeronet, Radiometric (intermittent)
- Lucinda Jetty – Ocean colour (automatic)
- Aeronet sites – taken from the NASA portal

- Are these sites still being used?
 - Thangoo desert (Metric site, CNES)
 - Amberla (Metric site, CNES)
 - Hay (Metric site, CNES)

Lake Lefroy

- Salt lake, 60 km S of Kalgoorlie-Boulder and 550 km E of Perth), elevation ~ 350 m 31.2662° 121.716°
- Aeronet site
- Set up in collaboration with AIST and ERSDAC
- Overflown with hyperspectral
- Ground characterisation measurements undertaken





Brando et al. (2010). The Lucinda Jetty Coastal Observatory's role in satellite ocean colour calibration and validation for Great Barrier Reef coastal waters. *IEEE Oceans 2010*.

Aeronet sites

- Birdsville (CSIRO)
- Tinga Tingana (CSIRO)
- Canberra (CSIRO)
- Lake Argyle (CSIRO)
- Lake Lefroy (CSIRO)
- Jabiru (CSIRO)
- Brisbane (University of Queensland)
- Perth (Curtin University)
- Rottnest Island (Curtin University)
- Colleambally (CSIRO – mobile site)
- Adelaide (CACI MCL)
- ARM Darwin (temporary)

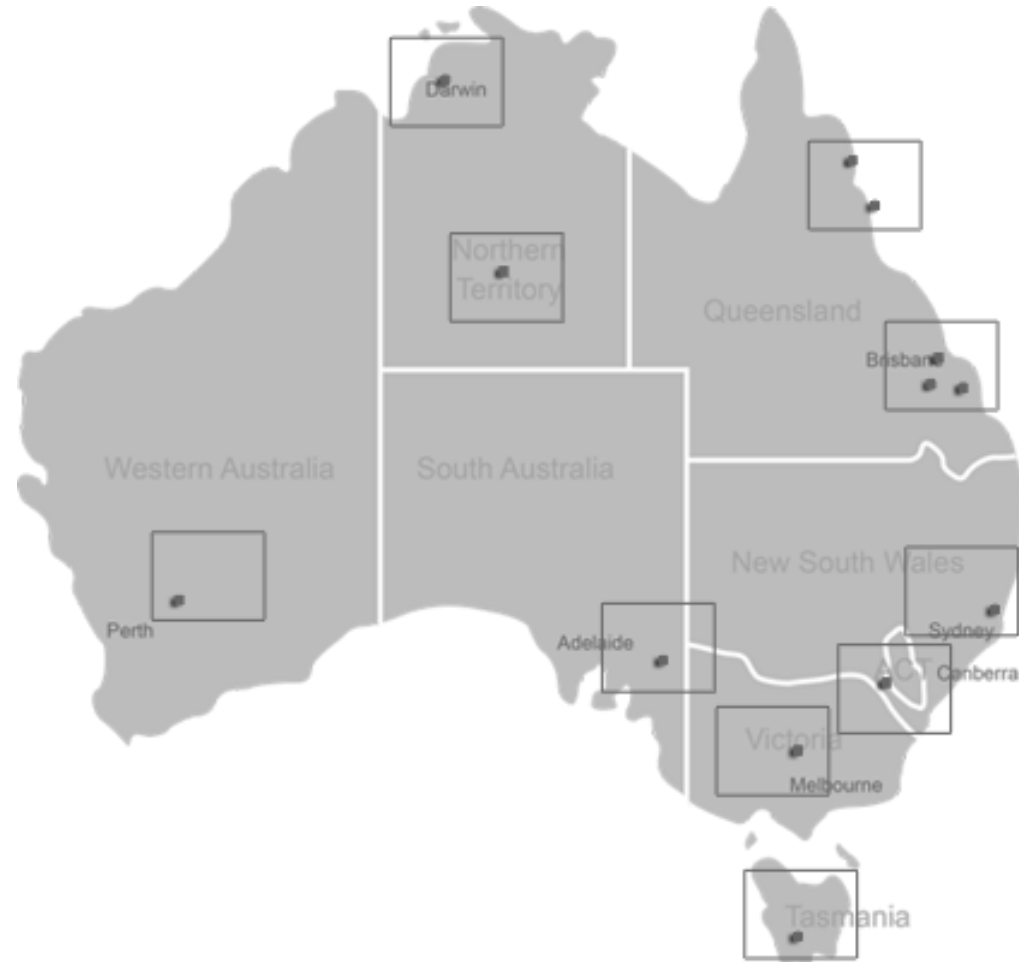


TERN Supersites

- Terrestrial Ecosystem Research Network
- Important sites for biophysical product validation (forests, savanna, rangelands, peri-urban)



<http://www.tern-supersites.net.au>



Conclusion

- Need to be thinking of more frequent updates to the site data?
- Does other country data need this too?
- Is this facility superseded by COVE?
- How do we go about communicating updates?

Thank you

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