From ongoing projects.....

**Variety of atmospheric correction techniques:**
- Darkest pixel subtraction
- Dark/bright pixel approach (estimate aerosols in NIR and extrapolate to visible)
- Radiative transfer model and use of blue wavelength (Valencia)
- Modular inversion program: coupled water/atmosphere model

**Variety of methods for deriving in-situ products:**
- Band ratio algorithms
- Inverse optical modelling
- Modular inversion program: coupled water/atmosphere model
General points from existing projects:
- Collection of in-situ data at same time as CHRIS overpass, varying success depending on cloudiness of sites
- Improved results from use of v4.1 imagery
- Sunglint contamination (change of spectral shape rather than obvious glint patterns) can be a problem and needs research effort. By having multi-angle data, images contaminated imagery can be rejected in favour of those without.
- Analysis/correction of adjacency effects for small water bodies and data close to the land.

New projects
- Ray Merton: mapping bathymetry in Australia
- Ramon Pena-Martinez: water quality of Mediterranean reservoirs
- Angel Polvorinbos del Rio: mapping water quality within dams