

CABLE workshop program

Date: 15th November 2013, 9.30am to 3.30pm

Location: Fritz Loewe theatre, 2nd floor, McCoy (Earth Science) building, University of Melbourne
<http://maps.unimelb.edu.au/parkville/building/200>. Note that entry to the building is at 2nd floor level.

Lunch will be provided

9.30 Welcome (Rachel)

9.40 Eva Kowalczyk 'Improvements in modelling the diurnal temperature amplitude in ACCESS'

9.55 Ying-Ping Wang 'New techniques for model error analysis and model data fusion'

10.10 Lars Nieradzic 'Model Development: Disturbance simulation with the tree-demography model POP'

10.25 Peter Rayner 'Using chlorophyll fluorescence to constrain GPP'

10.30 Morning Tea

10.50 Intro to working groups: CABLE areas for improvement (Rachel), Benchmarking needs (Gab)

11.10 Working groups

- CABLE evaluation across different applications e.g. LIS/WRF, ACCESS, common failings, strategies to improve CABLE
- Land-use and disturbance (including carbon cycle)
- Parameter estimation and data assimilation for CABLE

12.10 Lunch

13.00 Mark Decker 'Implementation of a groundwater module into CABLE'

13.15 Gift Dumedah 'Preliminary mapping of the hydrologic genome of CABLE for soil moisture estimation in the Yanco area'

13.30 Imtiaz Dharssi 'Impact of trees and buildings on temperature forecasts'

13.45 Working groups

- CABLE technical issues, test suites, benchmarking, datasets
- Soil and hydrology
- Non-vegetated tiles (urban, lakes) and wetlands

14.45 Brief report back of action items and general discussion including possible topics:

- Technical issues with wider relevance
- Sharing of CABLE-related code/tools e.g. for post-processing
- Communication needs

15.30 Finish