

WESTERN SYDNEY
UNIVERSITY



Hawkesbury Institute
for the Environment



TERN

OzFlux

Annual Conference Program

**Monday 13th November and Tuesday 13th
November 2017**

Venue: R6 Conference Room, Hawkesbury



Monday Nov 13

Time	Speaker	Title
8:30-9AM		Registration, coffee, tea
9-9:10	Elise Pendall	Welcome & housekeeping
OzFlux Accomplishments		
9:10-9:30	Suzanne Prober & James Cleverly	OzFlux Overview & Outputs
9:30-9:50	Peter Isaac	OzFlux: A global perspective
9:50-10:10	Ian McHugh	General considerations on the importance of storage
10:10-10:30	James Cleverly	Insights into forest mortality and management of agricultural ecosystems via wavelet-based statistical inference
10:30-11am	BREAK	Coffee/tea
Ecohydrology and Ecology		
11-11:20	Stefan Arndt	Plasticity of drought tolerance in eucalypts
11:20-11:40	Anne Griebel	Mistletoe infection alters the transpiration flow path and suppresses water regulation of host trees during extreme events
11:40-12:00	Sam Grover	Evapotranspiration in Alpine Sphagnum peatlands
12:00-12:20	Rachel Nolan	Contrasting ecophysiology of co-occurring species at the Ti-Tree East OzFlux site and nearby riparian woodland
12:20-12:40	Renee Prokopavicius	Productivity of an Australian mountain grassland is limited by temperature and dryness despite long growing seasons
12:40-13:30	BREAK	LUNCH
Ecology at TERN SuperSites		
13:30-13:50	Jason Beringer	A bit of everything!
14:10-14:30	Lindsay Hutley	Chasing the savanna C sink – fire, growth, soil and other pathway
13:50-14:10	Mike Liddell	FNQ Tropical Rainforest: The Sum of the Parts.
14:30-14:50	Nina Hinko-Najera	Tree stem growth and climate relationships
14:50-15:10	Tim Wardlaw	A latitudinal gradient of declining productivity with warming temperatures in tall, wet eucalypt forests
15:10-15:30	BREAK	
Remote Sensing And Scaling		
15:30-15:50	Will Woodgate	Remotely measuring light use efficiency: linking leaf-level photosynthetic processes to reflectance in a mature Eucalypt canopy
15:50-16:10	George Burba	Utilizing Modern Flux Towers and Networks for Remote Sensing and Modelling
16:10-16:30	Craig MacFarlane	A Half-Gaussian Fitting Method for Estimating Fractional Vegetation Cover (HAGFVC) Using Unmanned Aerial Vehicle Images
16:30-16:50	Xihua Yang	Remote sensing of evapotranspiration and case studies on groundwater dependent ecosystems (GDE)
17:00 - 18:30	REFRESHMENTS	

Tuesday Nov 14

Time	Speaker	Title
8:30-9AM		Coffee/Tea
9-9:10	Anne Griebel	Announcements
Modelling And Integration		
9:10-9:30	Miko Kirschbaum	Important omissions in the quantification of the global carbon cycle
9:30-9:50	Ben Fest	Is all blue carbon blue?
9:50-10:10	Belinda Medlyn	Water use efficiency from leaf to ecosystem
10:10-10:30	Vanessa Haverd	A new ecophysiological version of the CABLE land surface model
10:30-11am	Ning Liu	Projecting water yield and ecosystem productivity from climate change across the Australian continent
11-11:20	Jim Yang	Modelling stomatal responses at high vapour pressure deficit—a case study in Cumberland Plain Woodland
11:20-11:40	BREAK	
Trace Gas Fluxes And Soil Processes		
11:40-12:00	Dave Campbell	Insights into N ₂ O and CH ₄ fluxes from a NZ dairy farm using a QCL-based eddy covariance system
12:00-12:20	Philip Nauer	Termite mounds are biofilters for methane
12:20-12:40	Johannes Laubach	Carbon and greenhouse-gas budgets of intensive dairy farming with irrigation
12:40-13:30	BREAK	LUNCH
13:30-13:50	George Burba	Mapping CH ₄ : Fast Open-Path Technology for Research and Regulatory Measurements
13:50-14:10	Richard Silberstein	Soil moisture dynamics, evaporation and flux
14:10-14:30	Elise Pendall	Overview of soil studies at Cumberland Plain SuperSite
14:30-14:50	Alexis Renchon	Lessons from simultaneous measurements of soil respiration and net ecosystem exchange of CO ₂ in warm-temperate forests
14:50-15:10	S. Guru	OzFlux Data
15:10-15:30	BREAK	
15:30-17:30	Suzanne Prober	OzFlux PI Meeting

How To Find R6 “Poolside” Conference Room

The R6 Conference Room is sometimes referred to as “Poolside” which is a misnomer since there is no pool (but there used to be one in that grassy area down beside Memorial Hall (R8) until it was filled in).

To get the R6 from the Hawkesbury Institute, you need to walk past the rose garden out the front of R2, head past the Office of the MP Dominic Perrotet towards Memorial Hall. You will see R6 is the plain-looking brick building on your left. Facilities include bathrooms and a kitchen area.



R6 Conference Venue



You will see R8 Memorial Hall as you head towards R6.