



TERN OzFlux July 2016-Nov 2017

Suzanne Prober, CSIRO Land and Water
www.csiro.au



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OzFlux
Land-Atmosphere Observatory



TERN OzFlux Network



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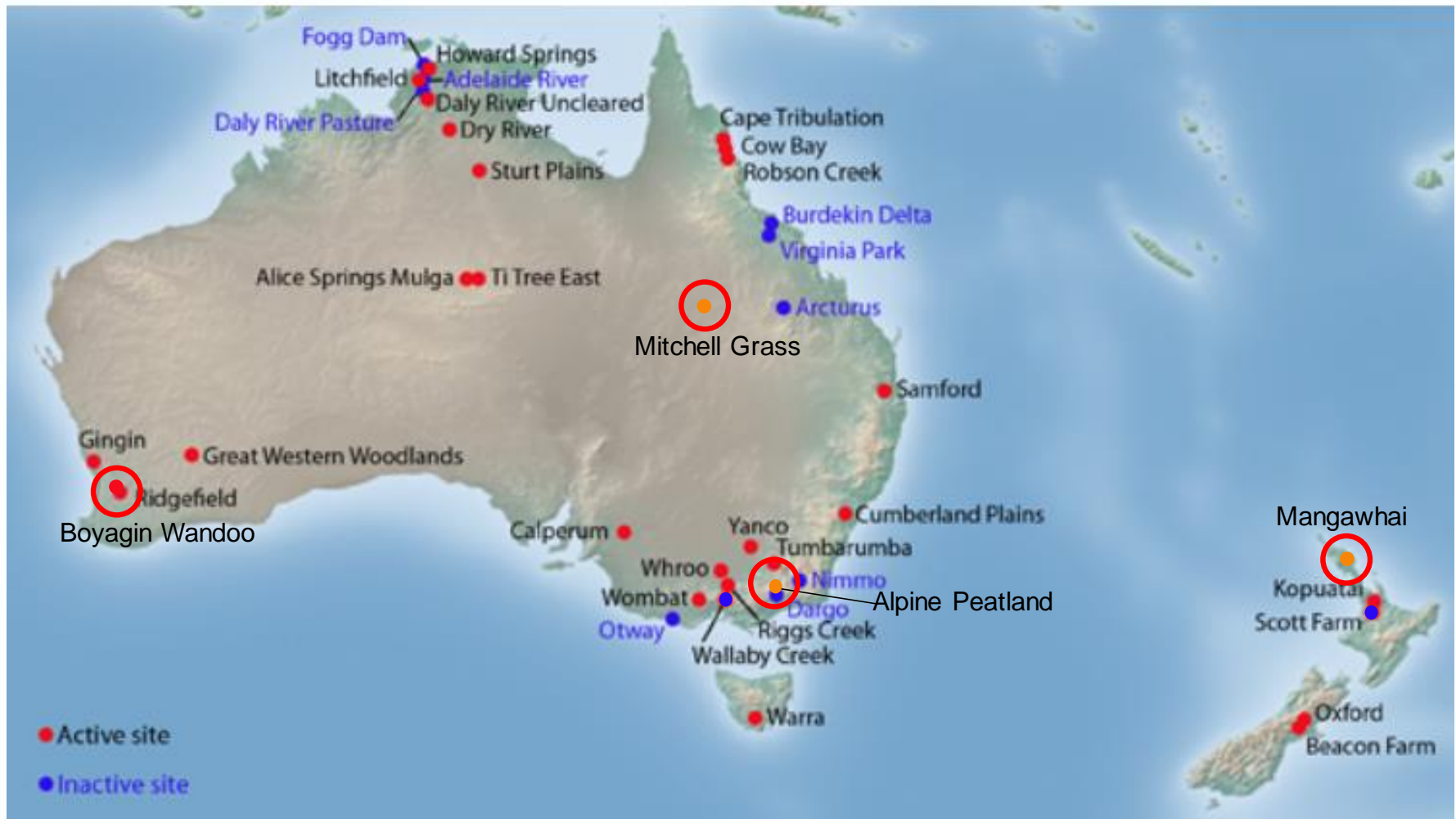


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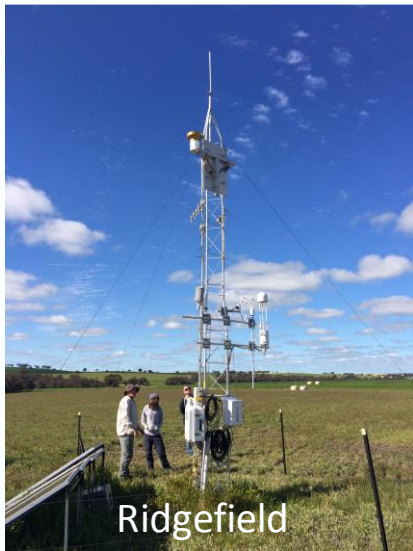


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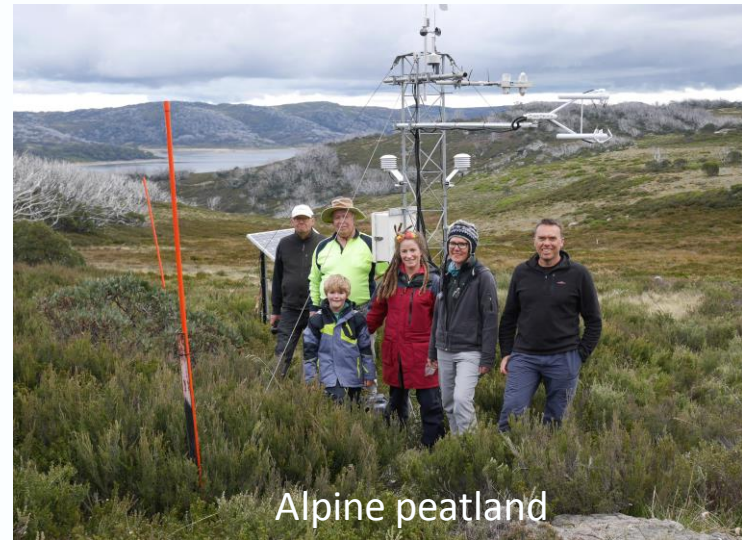
Comings and goings



- Whroo move to Boyagin (Jason Beringer)
- Wandoo eucalypt woodland
- Paired with agricultural field (Ridgefield)
- Part of UWA Critical Zone Observatory

Comings and goings

- ‘Alpine Peatland’ (Sam Grover)
- Alpine *Sphagnum* peatland
- Bogong High Plains
- La Trobe University (2017)



Alpine peatland

OzFlux Steering Committee



Steering committee chair –
Helen Cleugh



Communications –
Anne Griebel, Mirko Karan



Science director –
James Cleverley



Conference –
Elise Pendall & Anne Griebel
Jason, Helen, Lindsay: AsiaFlux



Steering committee secretary –
Craig Macfarlane



Industry engagement –
Wayne Meyer



Central node rep –
Peter Isaac (or Ian/Cacilia)



Collaboration and science links –
Jason Beringer

Publications - OzFlux Special Issue



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- *OzFlux: a network for the study of ecosystem carbon and water dynamics across Australia and New Zealand* (Wohlfart et al. eds.)

- Dedicated to Ray Leuning, “*Work not published is work not done.*” Forthcoming preface submitted

- 20 papers: 17 regular articles, 2 reviews, 1 tech note, 11 Feb 2016 to 24 Oct 2017

- Includes Beringer et al. (2016) Introduction to the Australia and New Zealand OzFlux network

- Subject areas: agriculture, climate, extreme events, carbon cycle, modelling, remote sensing, flux data, phenology

- At least 53 peer-reviewed publications using OzFlux data since 2016

TERN Newsletter articles



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- Sep 2017 A universal model for predicting plant CO₂ uptake
- Aug 2017 Earth as an integrated system: don't forget the groundwater
- Jul 2017 Measuring our breathing planet
- Feb 2017 Raincoat for a rainforest: Simulating drought in the Daintree
- Jan 2017 Angry summers and ecosystem health
- Dec 2016 Drought ends great green boom and Australia's carbon budget shifts
- Nov 2016 NASA to use TERN data in ECOSTRESS mission
- Oct 2016 People using TERN: Vanessa Haverd





Fluxdata

The Data Portal serving the FLUXNET community

FLUXNET2015 Data set

Data for 23 OzFlux sites

Downloads January 2016 to June 2017:

- *average 1,194 per site

- *27,463 across 23 sites

International



- GlobTemperature (University of Leicester)
- ECOSTRESS (NASA)
- SMAP (NASA)

TERN restructure: path to sustainable funding

- NCRIS RoadMap submission (Sept 16)
- New logo and web banners (Nov 16)
- OzFlux Sustainability Plan and Science Strategy (Dec 16)
- TERN data inventory workshop (Feb 17)
- TERN Options Paper (May 17)
- TERN signature products (July 17)
- TERN Ecosystem Processes Overview and Implementation Paper (Aug 17)
- TERN Ecosystem Processes Position Paper and Business Plan (Nov 17)

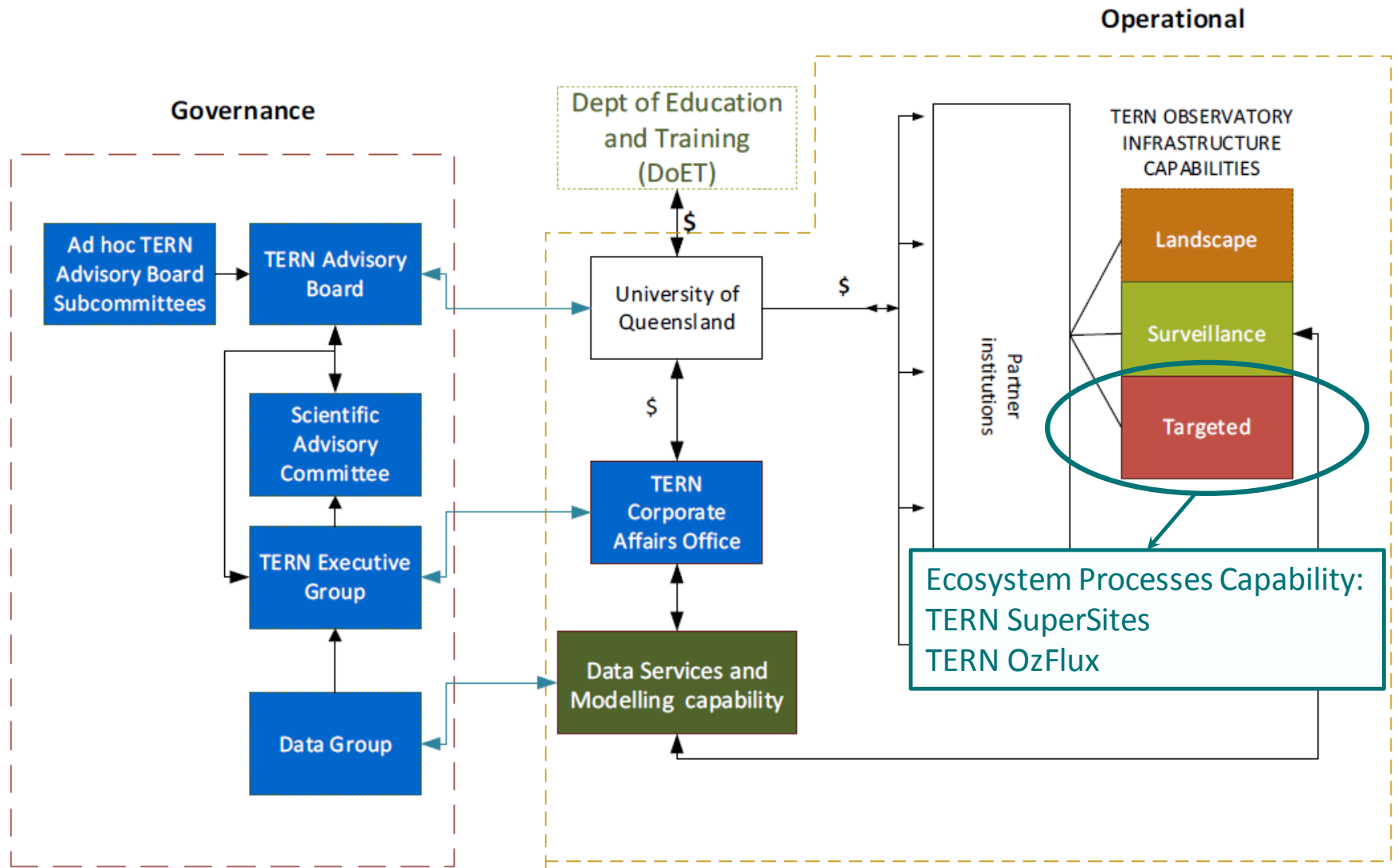


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TERN structure



Position Paper and Business Plan



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TERN Ecosystem Processes

Position Paper and Business Plan, November 2017



