A National Environmental Observation and Prediction System for the year 2030

OBSERVATIONS FOR THE YEAR 2030

OzEWEX

2017

THE AUSTRALIAN ENERGY AND WATER
EXCHANGE RESEARCH INITIATIVE

4th national workshop

CSIRO

Australian Government
Bureau of Meteorology

Australian Government
Geoscience Australia

TERN
Terrestrial Ecosystem
Research Network

Australian National University

bushfire&natural HAZARDS CRC

NCI

No data=No model=No system

Developing the capacity to leverage **existing and new observation and measurement platforms** for environmental observation and prediction.

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Discussion starting points

- Do we have all the data needed for a National Environmental and observation system? (basic and derived variables)

- Do we need access to that data at real time/ near-real time?

- How do we keep that data coming? and what if not possible?

- How much of our predictive skill has been due to improvements in observational systems or modelling?

- Australia vs international focused (e.g. help and responsibilities with e.g. Pacific islands)