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- Central Highlands of Victoria, mountain ash forest ecosystem risk assessment <u>2014-12</u> research
- Central Land Council 2018-07 Tanami
- Centre for Aboriginal Economic Policy Research (ANU) 2013-01 age-old
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Chinese Ecosystem Research Network (CERN) 2016-03 global, 2016-11 NASA Mike Liddell visit to 2015-02 TERN TERN MoU with 2017-10 observatory Chinnick, Paul 2011-08 bringing Chittleborough, David 2019-07 treetop Cho, Jaeil 2022-08 update Chowilla, SA see Calperum Mallee SuperSite, SA Christensen, Bek (Rebekah) 2013-12 scaling, 2014-06 evolution, 2014-07 foundations, 2015-06 condition, 2018-12 long-term, 2019-11 ESAus19, 2021-10 catch Christmas, Matt 2014-05 sample, 2017-09 sample, 2018-07 climate Chubb, Ian (Chief Scientist) 2013-01 acorn, 2013-08 like A pleasure watching progress of successful investment: Chief Scientist [at TERN Symposium 2013 launch] 2013-02 pleasure launches Foundations for the future: a long-term plan for Australian ecosystem science 2014-07 foundations CIRCASA (Coordination of International Research Cooperation on Soil Carbon Sequestration in Agriculture) 2020-04 remote citizen science app for people living in fire-prone areas – NOBURN 2021-08 University assisting TREND 2011-11 science, 2012-10 ecology, 2013-04 students bird monitoring, collaboration with TERN, at Samford Ecological Research Facility on TERN's Samford Peri-Urban SuperSite 2021-05 Brisbane, 2022-08 web-based collecting data on three iconic raptor species 2017-11 raptors importance for collecting long-term data sets 2022-03 citizen data collection and analysis, symposium at ESAus20 2020-11 ESAus20 tea bag decomposition monitoring 2016-11 tea Schools Weather and Air Quality (SWAQ) 2021-09 Sydney TERN supports for long-term biodiversity monitoring of orchids 2022-03 citizen TERN's web-based app tested by Brisbane bird watchers 2022-08 web-based TREND App, featured on Channel Ten's 'Scope: Science TV for kids' 2016-06 TV use of TREND photos to monitor effects of controlled burns, Cleland Conservation Park, Adelaide 2013-11 smile City College of New York 2019-11 biodiversity Clancy, Tim 2012-12 engaging, 2013-10 western, 2015-01 critical, 2018-12 long-term on accessing TERN data through DataONE's ONEMercury platform 2015-06 DataONE at TERN Symposium 2013 2013-02 two attends ILTER meeting Chile 2015-02 TERN South Korea 2013-10 TERN on the benefits of SHaRED 2014-05 SHaRED leads Data Management Workshop, Canberra 2013-04 developing TERN collaboration with ABARES 2012-08 working TERN past, present and future 2012-04 TERN Clark, Megan 2012-09 networked Clarke, Ken 2017-01 fire, 2018-03 map, 2019-08 Spatial Cleland Conservation Park, Adelaide, citizen science monitoring of post-controlled burn vegetation regrowth 2013-11 smile Cleugh, Helen 2012-02 cross-Tasman, 2012-03 break, 2012-07 working, 2012-12 special, 2013-02 carbon, 2013-12 several, 2015-01 critical, 2016-06 flux, 2017-05 data, 2019-12 Snowy, 2021-08 update

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ClimateWatch trails, Tinaroo Environmental Education Centre, FNQ 2016-03 Furlaud

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cloud-based research tools: EcoCloud 2017-08 EcoCloud, 2018-10 ecocloud

CMRSET (CSIRO MODIS ReScaled EvapoTranspiration) algorithm, used to produce new TERN AET dataset 2021-08 actual

 $CO_2$  sink to source: arid Australia's climate and rainfall driven tipping points <u>2019-12 sink</u> coastal catchments, northern Australia, management <u>2014-03 integrated</u>

coastal data, South-east Queensland 2014-05 collaborating, 2014-04 NCRIS

Coastal datasets sit together under ACEF beach umbrella <u>2012-10 coastal</u> coastal ecosystems

ACEF improving national capacity to manage coasts 2012-12 improving

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- Coastal Raptor Nests citizen science project, by Queensland's Redland City Council <u>2017-11</u> raptors
- Coastal Research Portal (ACEF) <u>2012-03 coastal</u>, <u>2012-10 coastal</u>, <u>2012-12 improving</u>, <u>2013-06 appreciating</u>

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Coastal web portal links local research and local councils 2012-03 coastal

coastal wetland ecosystems, OzFlux measurements, French Island, Vic. 2021-10 French

CoastalCOMS monitoring service 2013-06 keep, 2014-01 improving

beach observation (video) datasets 2012-10 coastal

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case studies to ensure reproducible science 2014-12 research

case studies to showcase usability 2014-08 facilitating, 2015-03 CoESRA

Hot and hostile: the links between temperature, aggression and crime in Australia 2020-10<u>hot</u>

Collaborating improves access to south-east Queensland's coastal data <u>2014-05 collaborating</u> Collaboration across borders <u>2013-08 collaboration</u>

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between ecological dataset holders 2011-08 bringing

with the broader public about science to embrace everyone's knowledge <u>2014-02 wake-up</u> for Direct Action (on emissions reduction) <u>2014-04 Direct</u>

European 2013-08 collaboration, 2013-09 beer

with Google Earth Outreach 2012-10 AusCover, 2012-11 using, 2012-12 building

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with higher education partners 2014-04 fostering, 2021-01 monitoring

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05 collaborative, 2013-05 extreme, 2013-07 tall, 2014-01 connecting, 2014-01 improving, 2014-02 betting, 2014-02 wake-up, 2014-03 cyclones, 2014-04 fostering, 2014-04 NCRIS, 2014-04 sky, 2014-05 collaborating, 2014-08 creating, 2014-11 National, 2015-01 critical, 2021-01 monitoring, 2021-01 Butler synthesis model of 2013-02 access Collaboration between traditional knowledge and contemporary science 2014-09 collaboration Collaborative ecology across the Tasman: EcoTas 2013 2013-12 collaborative Collaborative Environment for Ecosystem Science Research and Analysis (CoESRA) see CoESRA virtual desktop environment Collaborative science at work in the Top End 2013-05 collaborative Collect Earth 2020-07 collect Collins, Bronwyn 2015-04 Lepschi Combining ideas on Earth systems modelling for good 2019-12 systems Come one, come all: national workshops to strengthen ecosystem science 2014-02 come Committee on Earth Observation Satellites (CEOS) add 12 TERN SuperSites to their top 55 global sites of space-borne data calibration 2018-08 global endorses and supports Satellite Data Strategy of the Global Forest Observation Initiative (GFOI) 2011-11 continuity Commonwealth Environmental Research Facilities (CERF) program funding 2014-04 fostering Community Atmosphere-Biosphere-Land Exchange model (CABLE) 2014-04 sky, 2014-07 Hoar, 2016-10 Haverd, 2017-10 facilitating, 2018-07 stepping Community DustWatch program 2014-01 windy, 2014-07 Rickards, 2015-04 capabilities, 2015-09 satellite, 2018-12 dust Community Earth System Model (CESM) 2014-04 sky community education hand-in-hand with long-term research projects 2013-11 plot Three Parks Savanna Fire Effects Plot Network 2013-05 collaborative community engagement, in ecosystem science 2012-05 engaging Comprehensive R Archive Network (CRAN), publishes new AusPlotsR package 2020-11 researcher Computer Science for High School (CS4HS) program 2013-01 acorn Condition Monitoring Protocols for Australian Rangelands 2015-06 condition Connecting cyclones and carbon emissions in our northern savannas 2014-01 connecting Connell, Joseph 2015-01 long-term Connell Rainforest Plot Network, long-term research into the development and life-cycle dynamics of tropical rainforests 2015-01 long-term conservation of native species, tool for better decision making by natural resource managers 2012-02 decisions conservation translocation, redfin blue eye fish 2020-05 Canberra Conservation Volunteers Australia partnership in ecological monitoring, Daintree Rainforest SuperSite 2012-08 tourists volunteering opportunities at SuperSites 2014-09 nation-wide Conserving blink-and-you'll-miss-it biodiversity 2017-03 conserving Constanza, Robert 2012-05 new, 2013-12 fun contaminated groundwater, bioremediation 2020-07 Centre Continuity for worldwide forest monitoring secured 2011-11 continuity controlled burns see fuel reduction burns

Cook, Peter 2017-08 Earth Cooper, Alan 2012-02 decisions Cooperative Research Centre for Spatial Information (CRCSI) 2016-10 online Project 2.07 2014-06 value Cooperative Research Centre for Transformations in Mining Economies (CRC TiME) 2021-01 Butler COP26 Earth Information Day, TERN represented on a virtual poster at 2021-10 TERN Copernicus Global Land Service 2020-02 Centre Ground-Based Observations for Validation (GBOV) component, based at Litchfield Savanna SuperSite 2021-11 verifying Tumbarumba instrumentation provides vegetation and radiometric data for 2019-08 Copernicus Copernicus' Tower 2019-08 Copernicus Coping with complex data streams: the OzFlux approach 2012-10 coping Copley, Vince 2011-12 wild CoreTrustSeal certification, TERN seeks for e-infrastructure 2021-05 international CORVEG database, Queensland 2017-06 map Corvmbia calophylla (marri), nectar source for honeybees, WA 2020-07 honey Cosmic help for down-to-earth environmental monitoring 2013-08 cosmic, 2020-02 cosmic COSMOS (Cosmic-ray Soil Moisture Observing System) 2013-08 cosmic CosmOz soil moisture network (CSIRO-led) 2013-09 flux, 2017-08 Earth, 2020-02 cosmic expanding network of sensors 2020-06 soil formation, for environmental monitoring 2013-08 cosmic sensors installed at SuperSites 2013-08 cosmic, 2020-02 cosmic The cost-benefit of documenting Australia's biodiversity 2021-06 cost-benefit Costanza, Bob 2012-12 Indigenous Costin, Alec 2017-06 decades Cotton, Ian 2015-06 Pilbara Council for Scientific and Industrial Research (South Africa) 2014-01 watchful Council of Australasian University Directors of Information Technology (CAUDIT), recognises ecoEd training 2019-06 recognition Counting carbon from burning wastelands to healthy peat swamp forest 2019-10 counting countries citing TERN publications 2019-03 publications Country Fire Authority 2015-01 green coupled soil-canopy processes 2016-10 Haverd COVID-19 pandemic Australia's national research infrastructure response to 2021-09 pillars digital soil maps the next best thing for locked-down students 2021-09 TERN impact on TERN fieldwork 2020-06 update, 2021-03 update, 2021-08 update impact on TERN HQ staff 2020-07 update Cowan, Mark 2015-06 condition Crawford, Ken 2019-07 observatory Crawford, Rebekah 2019-06 training Crawford Fund 2012-12 Indigenous Creating a global vegetation database 2014-12 creating Creating barcodes of Australia's soils 2014-08 creating Creative Commons 4.0 International suite of licences, adopted by TERN 2016-06 discovering Creative hackathon solutions demonstrate value of NCRIS and CSIRO data 2016-03 hackathon Cresswell, Ian 2021-09 update, 2021-11 delivering, 2022-08 update

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Critical infrastructure for National Environmental Science Program <u>2015-01 critical</u> critical national infrastructure <u>2015-01 critical</u>

critical research infrastructure 2014-06 TERN

safeguarding in Australia 2014-06 safeguarding

Critical Zone

layers of 2019-07 treetop

what is it? 2019-07 treetop

Critical Zone Observatory (CZO)

Australian universities consortium secures government funding for <u>2021-01 monitoring</u> Boyagin Wandoo Woodland SuperSite and Ridgefield OzFlux sites as part of CZO <u>2021-</u> <u>06 Boyagin</u>

Fletcherview SuperSite joins 2021-03 paddock

project kicks off at Calperum 2022-05 CZO

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to sample Australia's geologies, biomes, land uses and climates <u>2021-01 monitoring</u> Critical Zone Science, conceptual framework <u>2019-07 treetop</u>

Croeser, Louise 2017-06 ecoEd

Crombie, Glen 2016-10 drones

crop area estimates and forecasts, remote sensing data use 2017-07 Potgieter

crop production, Yield Prophet® decision support tool use 2019-09 big data

crops, reducing reliance on phosphorus fertiliser 2018-05 Doolette

Cross-Tasman project to monitor primary production <u>2012-02 cross-Tasman</u> CSIRO

and ACRI-ST - GBOV collaboration 2019-08 Copernicus

ant sampling, Kakadu National Park 2013-05 collaborative

at terrestrial laser scanning meeting, London 2017-04 London

Australia's dust and ground cover monitoring <u>2014-01 windy</u>

Biome of Australia Soil Environments (BASE) collaborator <u>2013-05 collaborative</u>, <u>2014-04 NCRIS</u>, <u>2014-08 creating</u>

BIOS2 Model 2017-01 angry

building on existing infrastructure 2015-12 vision

carbon pools, stocks and turnover rates, Tumbarumba Wet Eucalypt site <u>2014-11 forestry</u> co-establishes Great Western Woodlands SuperSite study centre <u>2013-10 western</u>

co-hosts guided tour of Tumbarumba SuperSite 2019-12 Snowy

CosmOz soil moisture network <u>2013-08 cosmic</u>, <u>2013-09 flux</u>, <u>2017-08 Earth</u>, <u>2020-02</u> <u>cosmic</u>, <u>2020-06 soil</u>

creative hackathon solutions demonstrate value of NCRIS and CSIRO data <u>2016-03</u> <u>hackathon</u>

cyclones and carbon emissions, northern savannas 2014-01 connecting

developing Australia's first Monitoring, Evaluation and Research network to understand the effectiveness of ecological management activities 2021-10 reviewing

develops SoilMapp for iPad 2013-04 soil

eMAST collaboration 2012-12 predicting

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fire management in Great Western Woodlands 2014-01 Ngadju

flood visualisation tool 2013-09 visualising, 2014-01 improving

food quality mapping for koalas 2014-05 gourmet

global proliferation of roads on predator species' activity and hydrology 2019-02 Raiter

ground cover monitoring products 2018-12 dust ground cover monitoring project 2014-07 Rickards ground sensing grassland curing trials 2015-01 green impact of cattle grazing on ants in tropical savannas 2015-09 living on the importance of TERN 2017-05 data installs Copernicus GBOV radiometers at Tumbarumba SuperSite 2019-08 Copernicus installs plant fluorescence sensors at Tumbarumba SuperSite 2020-01 prototype joint management of TERN's Rushworth Forest CalVal site 2020-02 ghost laser-scanning system 2013-08 TERN leads Northern Australian hub of NERP 2014-03 helping leads SEQuITOR project 2014-05 collaborating leads Soil and Landscape Grid of Australia 2011-11 world long-term data sets, Australian tropical rainforest plot network 2022-05 climate long-term monitoring plots, alpine ecosystems 2012-08 sustaining, 2013-07 tall manages Logan and Albert River catchment nodes of SEQ Peri-urban SuperSite 2011-12 SuperSite mangrove monitoring system 2018-06 mangrove monitoring diversity across three unique ecosystems, WA 2020-10 monitoring Mulligan's Flat-Goorooyarroo Woodland Experiment, ACT 2014-02 betting new collaborations with NCRIS 2015-12 vision overseas researchers accessing Tumbarumba OzFlux data 2016-03 flux OzFlux coordinator 2013-12 several rangelands pasture productivity field data survey 2018-12 rangelands research at Warra Tall Eucalypt SuperSite 2015-02 lasers researcher leads Earth Systems Hub of NERP 2015-01 critical, 2016-06 flux safeguarding national research infrastructure from extreme events 2020-01 safeguarding Semantic Web integrating plot-based ecological data 2019-09 integrating Sentinel fire mapping 2014-01 watchful share in new observation satellite called NovaSAR-1 2021-07 all-weather shrub biomass analysis, bluebush, drought and control plots 2018-10 drought Soil and Landscape Grid collaborator 2013-12 TERN, 2014-03 improving, 2014-11 National soil-carbon map 2012-07 evolution SPEDDEXES collaborative development 2014-08 SPEDDEXES surface spectral reflectance data 2019-04 Mitchell Yield Prophet decision support tool collaboration 2019-09 big data CSIRO Agriculture and Food unit 2017-04 soil CSIRO Continental Biogeochemical Cycle team 2013-01 accurate CSIRO Earth Science and Resource Engineering 2012-12 treasure CSIRO Ecosystem Sciences 2013-05 extreme jointly manages FNQ Rainforest SuperSite 2011-12 SuperSite jointly manages Great Western Woodlands SuperSite 2011-11 woodlands, 2011-12 SuperSite CSIRO Land and Water 2011-10 ACEAS, 2011-12 data, 2012-03 break, 2012-06 benefits, 2012-07 working, 2013-08 cosmic, 2013-09 flux, 2017-03 conserving, 2017-05 sound, 2021-08 actual CSIRO Marine and Atmospheric Research 2012-02 cross-Tasman, 2012-03 break, 2012-07 working, 2012-12 predicting, 2013-02 carbon CSIRO Marine and Coastal Carbon Biogeochemistry Flagship Collaboration Cluster 2012-07 study

CSIRO National Soil Archive 2012-10 app, 2013-07 AusPlots, 2014-03 survey CSIRO Oceans and Atmospheres 2016-10 Haverd CSIRO Office of Space Science and Applications (COSSA) 2012-12 treasure CSIRO Plant Industry 2011-09 despotic, 2013-05 collaborative CSIRO Soil and Landscapes 2016-11 Buettel, 2017-04 soil CSIRO Tropical Ecosystems Research Centre 2012-09 infrastructure CSIRO's Agricultural Production Systems Simulator (APSIM) 2019-09 big data CSIRO's Waite based Agriculture and Food Business Unit 2017-09 sample cultural health datasets 2021-08 quantify cultural heritage, capture and preservation of 2011-12 wild Culvenor, Darius 2015-01 green Cumberland Plain SuperSite, NSW 2015-12 Maes camera traps 2017-09 camera DroughtNet plots 2017-01 global, 2018-10 drought EucFACE facility experiment 2012-07 experiment, 2012-12 engaging, 2013-01 EucFACE Melaleuca trees carbon sequestration 2019-10 heat plant functional traits 2018-09 data predicting and regulating soil carbon in a warmer world 2021-04 predicting tea bag monitoring 2016-11 tea tracking impact of urban development on critically endangered woodland ecosystem 2020-02 liveability Wood Block Decomposition 12 Month Mass Loss Assessment 2019-04 TERN data Cureton, Geoff 2012-03 workshops Curtin University appoints first Indigenous Chair for Biodiversity and Environmental Science 2020-07 update AusCover facility 2013-07 agriculture Remote Sensing and Satellite Research Group (RSSRG) 2012-12 treasure researchers 2011-11 hyperspectral, 2011-12 data, 2020-07 honey, 2021-11 next-gen cyanobacterial crusts, mapping app, for soil management 2015-06 cyanobacteria cyclones and carbon emissions, northern savannas 2014-01 connecting, 2014-03 cyclones, 2015-04 capabilities ecosystem science improves resilience in the Wet Tropics 2014-01 science, 2015-04 capabilities impact on coastal communities 2014-01 improving impact on rainforest dynamics 2014-03 long-term impacts on carbon dynamics in tropical savanna ecosystems 2020-01 safeguarding protecting national research infrastructure from 2020-01 safeguarding Daintree Discovery Centre 2017-09 camera sensors installed on trees and in soil pits to collect data on sap flux and soil water potential at Cow Bay site 2022-03 novel Daintree Rainforest Observatory (SuperSite) 2014-03 hives, 2019-03 Asia Drought Experiment 2014-01 Daintree, 2014-03 hives, 2017-02 raincoat, 2017-12 raincoat, 2019-09 Centre leaf level physiology, chemistry and structural traits 2018-09 data partnership with Conservation Volunteers Australia, for ecosystem monitoring 2012-08 tourists photosphere 2014-10 armchair

Sentinel Phenocam 24 hour time-lapse images of vegetation <u>2017-03</u> raspberry students hosted at <u>2013-04 learners</u>, <u>2013-11 future</u>, <u>2014-09 nation-wide</u>,

Wood Block Decomposition 12 Month Mass Loss Assessment <u>2019-04 TERN data</u> dairy industry, flux towers role in monitoring, Canterbury Plains region, NZ <u>2020-11 Ashley</u> dairy pastures

carbon budgets, NZ 2014-11 Hunt

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Daly River catchment, NT, management 2014-03 integrated

Daly River Uncleared OzFlux tower site, NT

acidic groundwater and carbon leaching from terrestrial ecosystems <u>2014-03 plumbing</u>, <u>2015-05 plumbing</u>

Damanik, Zafruallah 2019-10 counting

Dargo High Plains 2018-11 weed

Darwin Centre for Bushfire Research 2017-02 Edwards, 2017-07 Kakadu, 2017-08 Kakadu data accessed by overseas researchers 2016-03 flux

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Data Assimilation Research Testbed (DART) 2014-04 sky, 2014-07 Hoar

Data Citation Index 2012-10 enabling

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custom-built data apps, TERN pest species monitoring protocols <u>2022-07 pest</u> ecologists and archaeologists' perspectives <u>2011-12 wild</u>

to publication: infrastructure for ecological monitoring and decision making <u>2016-03</u> <u>collection</u>

Data driven decisions 2017-05 data

Data from the treasure trove of ecology soon at your fingertips 2012-10 data

data infrastructure 2012-10 TERN, 2013-02 access, 2013-06 data, 2014-06 road

Data in demand: Australian flux data downloads surge thanks to new global open-access 2016-03 flux

Data Licensing Policy (TERN) 2012-10 licensing, 2012-10 TERN

Data partnerships bode well for sharing government ecological datasets <u>2012-10 partnerships</u> Data portal leads with 'smart' search and display <u>2011-10 data</u>

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data access, data quality and data sharing 2013-02 carbon

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Data users run through the paces of remote-sensing tools 2011-12 data

DataCite 2012-10 enabling, 2013-06 data

DataONE, USA 2016-11 NASA

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OneSearch accessible via ÆKOS 2016-03 collection

TERN datasets accessible via DataONE's OneMercury 2015-06 DataONE

TERN Eco-Informatics shares ideas at DataONE Users' Group meeting, University of Wisconsin-Madison 2012-08 eco-informatics

TERN as first Australian DataONE node <u>2015-06 DataONE</u>

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AusPlots Rangelands Survey Program <u>2013-06 ecosystem</u>, <u>2015-03 phenology</u> Australian SuperSite Network <u>2013-06 ecosystem</u>

CORVEG Queensland database 2017-06 map

encouraging citation, through TERN's DOI-minting service 2012-10 enabling leaf trait data from South Australia's Mt Lofty Ranges 2018-09 data plant functional trait and physiology data from seven TERN SuperSites 2018-09 data plot-based flora surveys 2013-06 ecosystem pollen count data 2014-05 ensuring south-east Queensland coastal data 2014-10 photos, 2014-05 collaborating TERN DOI-minting service assigning unique DOI's to 2012-10 enabling wood block decomposition 12 month loss assessment 2019-04 TERN data Davies, Janet 2013-03 greater, 2013-11 students, 2014-05 ensuring, 2016-12 relief, 2019-10 pollen allergy pollen monitoring and mapping 2015-06 Davies Davis, Jenny 2013-09 pressures, 2019-10 RIEL, 2021-08 update, 2021-10 update De Kauwe, Martin 2019-04 sweat de Salas, Miguel 2020-04 grass de Wit, Ronald 2014-08 SPEDDEXES Deakin, Janine 2020-05 Canberra Deakin University, Centre for Integrative Ecology 2020-04 Deakin A decade of TERN facilitated publications catalogued 2019-03 publications Decades of data sustaining the Australian Alps 2017-06 decades Decker, Wayne 2022-05 update decomposition data tea bag index 2016-11 tea wood block decomposition 12 month mass loss assessment 2019-04 TERN data Del Toro, Israel 2012-09 infrastructure Delivering data to improve reporting on Australia's environment 2021-11 delivering Delivering for Australia's future 2013-10 delivering Deloitte Access Economics, cost-benefit of documenting Australia's biodiversity 2021-06 cost-benefit Delphi expert elicitation procedure, koala populations, NSW and Old 2012-09 analysis Department of Agriculture, Fisheries and Forestry (DAFF) 2012-06 assessing, 2012-07 evolution Department of Agriculture, Water and Environment (DAWE) aggregating and harmonising national fuel load data essential for modelling and prediction of bushfire behaviour 2021-07 helping Biodiversity Data Repository 2022-03 TERN financial support for Threatened Species Index (TSX) project 2021-07 threatened developing Australia's first Monitoring, Evaluation and Research network to understand the effectiveness of ecological management activities 2021-10 reviewing draft scoping document for 2021 standardised environmental monitoring and data systems for improved decision-making 2021-03 standards Soil Moisture Integration and Prediction System (SMIPS) collaborator 2021-10 getting State of Environment (SOE) chapters 2020-11 update Department of Climate Change and Energy Efficiency (DCCEE) 2012-07 evolution, 2012-12 ACEAS, 2012-12 Indigenous Department of Defence 2014-01 watchful Department of Environment and Energy (DoEE) 2017-05 data, 2017-07 responsible, 2018-03 map, 2018-08 greenhouse, 2019-04 shaping, 2019-12 Snowy FullCAM (Full Carbon Accounting Model) 2018-08 greenhouse Department of Science, Information Technology, Innovation and the Arts (DSITIA) 2014-05 collaborating

- Department of Sustainability, Environment, Water, Population and Communities (DSEWPaC) <u>2012-02 decisions</u>, <u>2012-06 new</u>, <u>2012-12 ACEAS</u>, <u>2013-03 greater</u>
- Department of the Environment 2015-06 condition
- Derrick, Ben, uses TERN research to balance the needs of business, safety and the environment, Falls Creek Alpine Resort 2013-07 tall, 2014-07 Derrick
- desert dwelling birds, impact of heatwaves on 2020-01 heatwaves
- Desert Ecology Plot Network 2012-12 engaging, 2014-01 erratic, 2014-05 sample, 2014-09 ESA14, 2016-03 desert, 2017-01 global
- boom-and-bust nature, long-haired rat, Simpson Desert 2012-09 boom
- diversity of interactions between flowering plants and insects 2012-09 boom
- tea bag monitoring 2016-11 tea
- value of research 2013-11 plot
- volunteer involvement 2013-11 plot
- Desert Ecology Research Group (DERG) (University of Sydney) <u>2016-03 desert</u>, <u>2016-11</u> tea, <u>2017-01 global</u>, <u>2018-07 Tanami</u>, <u>2018-09 incomplete</u>, <u>2020-09 changing</u>
- Deserved recognition for TERN-supported ecoscience education program <u>2019-06</u> recognition
- *Desmanthus*, benefits as tropical pasture legume, for reducing methane production in cattle 2022-07 flux
- Despotic species, catchment groups and genetics: all in a day's funding 2011-09 despotic
- D'Estrees Entomology & Science Services 2020-09 Kangaroo
- Detecting forest structure from space 2012-07 detecting
- Detecting landscape change with drones 2016-10 drones
- Devaraju, Anusuriya 2021-05 international
- Developing data-management practices for the future 2013-04 developing
- DEWL scanner 2015-02 lasers
- Dhillon, Vikram, family members suffering from allergic respiratory disease triggered by airborne pollen 2015-02 Dhillon, 2015-06 Davies
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- The impact of climate change on South Australia's flora 2018-07 climate
- Impact of TERN publications assessed 2015-12 impact
- The impacts of fuel reduction burns on soil greenhouse gas exchange <u>2015-06 impacts</u> Improved maps of available phosphorus for the state of Queensland <u>2021-06 improved</u> Improving access to national climate data <u>2013-05 improving</u>
- Improving national capacity to manage coasts 2012-12 improving
- Improving understanding of extreme coastal events 2014-01 improving

incomplete long-term datasets, new modelling solution using MARSS 2018-09 incomplete Indian Space Research organisation (ISRO) 2018-08 laser Indigenous advocacy 2021-11 TERN Indigenous Australians eDNA and ethics 2021-03 ARC fire management, Great Western Woodlands, WA 2014-01 Ngadju new livelihoods from traditional lands in Arafura region 2012-05 new TERN working towards inclusivity of traditional knowledge in its ecosystem database 2021-02 update Indigenous Biocultural Knowledge integrating with contemporary science for a healthy continent 2013-01 age-old new website 2014-06 Indigenous working group of ACEAS, wins Banksia Award 2014-12 ACEAS Indigenous know-how on savanna burning to be exported 2012-12 Indigenous Indigenous Land Corporation 2012-11 savanna, 2014-03 cyclones Indigenous rangers biodiversity data collection, Southern Tanami IPA 2018-07 Tanami knowledge exchange and skills training 2014-02 wake-up, 2014-09 collaboration savanna fire management, West Arnhem Land 2015-04 ecologically training for SWATT resampling, Birriliburu Indigenous Protected Area 2021-06 update Indonesia, peatland restoration and monitoring, Kalimantan 2019-10 counting Indonesia's Center for Agricultural Land Resources Research and Development (ICALRRD) 2013-12 TERN industry engagement, investment in TERN delivers for Australian industry 2015-09 investment infectious zoonotic diseases and environmental change 2020-03 update predicting animal to human virus transmission risk periods 2020-03 environmental insect specimens, collected by light trap, PNG 2019-09 rainforest Institute for Applied Ecology (IAE) (University of Canberra), research and activities 2020-05 Canberra Institute for Land, Water and Society (ILWS) (Charles Sturt University), research and activities 2020-01 Institute INTECOL (International Congress of Ecology), Beijing, China, August 2017 2017-10 observatory integrated Carbon Observation System (ICOS) 2020-06 update 2020 science conference 2020-09 update schools-based air monitoring network 2021-09 Sydney integrated catchment planning 2011-09 despotic integrated data assets for better reporting, EcoAssets project 2021-11 delivering "Integrated Earth 2023": save the date and take the survey 2022-12 Integrated, 2022-12 update Integrated Marine Observations System (IMOS) 2014-08 SPEDDEXES, 2015-12 vision, 2017-08 EcoCloud ACEF partnership with 2012-12 improving, 2014-04 NCRIS data infrastructure provision 2013-06 data environmental data assets available via EcoAssets 2022-08 streamlined improving understanding of extreme coastal events 2014-01 improving protecting infrastructure from extreme climatic conditions 2020-01 safeguarding role in EcoAssets project 2021-11 delivering

TERN links to 2013-02 refocus

Integrating plot-based ecological data in Australia: a semantic approach <u>2019-09 integrating</u> <u>Integrating re</u>search gives the grounds for healthy catchments <u>2013-09 integrating</u> Interested in time-series LiDAR data? We want to hear from you <u>2021-05 interested</u> Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) <u>2013-02</u>

refocus

- Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) <u>2015-12 vision</u>
- Interim Biogeographic Regionalisation for Australia (IBRA) <u>2018-03 map</u> International Barcode of Life (IBOL) Conference, Fourth, University of Adelaide, Nov-Dec 2011 <u>2011-08 barcode</u>, <u>2012-02 creatures</u>
- international collaborations and cooperation <u>2013-08 collaboration</u>, <u>2013-09 beer</u>, <u>2013-12</u> <u>collaborative</u>, <u>2013-12 TERN</u>, <u>2014-12 TERN</u>, <u>2015-02 TERN</u>, <u>2015-12 vision</u>, <u>2016-03</u> <u>global</u>, <u>2016-11 NASA</u>, <u>2016-12 drought</u>, <u>2017-09 Korea</u>, <u>2017-10 observatory</u>, <u>2018-07</u> <u>TERN</u>, <u>2019-12 Snowy</u>

International data recognition sought for TERN 2021-05 international

International Ecology School, Seoul, South Korea, potential Queensland ecology field sites that may host students 2019-03 Asia

- International environmental change research enabled by TERN 2021-06 international
- International Geosphere-Biosphere Program (IGBP) 2014-03 northern
- International Gravity Observatory 2017-08 Earth

International Long-Term Ecological Research see ILTER

International Tundra Experiment 2012-08 sustaining, 2013-08 Bogong

International Union for the Conservation of Nature see IUCN

international visitors 2014-12 TERN

INTERSECT 2014-08 SPEDDEXES

introduced species

implications of golden clover for native biodiversity 2018-11 weed

- occurrences, terrestrial and marine ecoregions, summary data 2022-08 streamlined
- Investigating carbon, water and energy fluxes in agricultural systems of Australia and New Zealand <u>2020-03 investigating</u>
- Investment in TERN delivers for Australian industry 2015-09 investment

Investment proposal for a national predictive research infrastructure <u>2020-11 investment</u> Ip, Alex 2014-08 SPEDDEXES

Ironstone, Kelvin 2014-12 ACEAS

irrigated cropping, and reduced pasture/crop heat stress <u>2020-03 investigating</u> Irvine, Kate <u>2019-06 training</u>, <u>2020-11 ESAus20</u>, <u>2022-08 web-based</u>

Community training in TERN's *Fauna Monitoring Protocols* 2021-05 Brisbane Isaac, Peter 2015-03 OZFluxQC, 2017-07 breathing

Ishida, Yoko 2014-03 hives, 2019-09 Centre

Island Songs' daily radio show 2017-05 sound

- It's a long way to the top if you wanna survey Cape York 2018-09 Cape York
- IUCN Commission on Ecosystem Management 2018-06 mangrove
- IUCN Red List of Ecosystems 2013-12 collaborative, 2015-12 vision, 2016-09 global ecosystem risk assessment of mountain ash forests 2014-08 facilitating, 2014-12 research, 2015-03 CoESRA, 2015-12 vision, 2019-01 virtual

global ecosystem risk assessment protocol 2013-02 TERN, 2013-03 greater

Jacklyn, Peter, uses TERN infrastructure for fire mapping across the Top End <u>2014-07</u> Jacklyn jacky winters (*Microeca fascinans*), impact of extreme heat on <u>2020-01 heatwaves</u> Jagadish, Chenupatti <u>2014-07 foundations</u>

James Cook University 2020-01 Institute

Centre for Tropical Biodiversity and Climate Change <u>2011-12 SuperSite</u> Centre for Tropical Environmental and Sustainability Science (TESS) <u>2019-09 Centre</u>

Daintree Rainforest Observatory (JCU-DRO) 2016-09 possum

Fletcherview Research Station (SuperSite) 2020-05 update, 2021-03 paddock

international collaboration 2015-12 vision

jointly manages FNQ Rainforest SuperSite 2011-12 SuperSite

leads TERN's Multi-Scale Plot Network (MSPN) 2011-12 SuperSite

management of northern coastal catchments 2014-03 integrated

researchers 2011-09 despotic, 2012-10 eclipsed, 2016-11 tea, 2020-07 effective, 2021-03 paddock, 2021-09 control

trains ecosystem scientists at Robson Creek Rainforest SuperSite 2021-11 tour

James Tizard Memorial Prize for e-research 2011-12 e-research

Japan Aerospace Exploration Agency (JAXA), Kyoto and Carbon (K&C) initiative <u>2016-03</u> <u>satellite</u>

Global Mangrove Watch project 2018-06 mangrove

vegetation height and structure monitoring 2012-07 detecting

Japan Long-Term Ecological Research (JaLTER) <u>2015-12 supporting</u>, <u>2016-03 global</u>, <u>2016-11 NASA</u>

Japanese Advanced Land Observing Satellite (ALOS) 2016-03 satellite

Jervis Bay Booderee National Park Plot Network <u>2013-11 plot</u>, <u>2016-09 Booderee</u> Jet Propulsion Laboratory (JPL)

data sharing with <u>2016-11 NASA</u>, <u>2018-06 space</u>, <u>2018-07 TERN</u>

Earth Science Division 2019-11 biodiversity

importance of synthesis centres in understanding ecological functions <u>2013-02 access</u> releases new satellite called SMAP to measure soil moisture <u>2015-02 NASA</u>

Johnson, Chris, Australian Ecology Research Award lecturer, on causes of mammal declines and extinctions in Australia <u>2012-09 AERA</u>

Joint Remote Sensing Research Program (JRSRP) <u>2012-07 detecting</u>, <u>2014-03 cyclones</u>, <u>2016-03 satellite</u>, <u>2016-10 drones</u>, <u>2018-08 laser</u>, <u>2018-12 dust</u>, <u>2019-04 Mitchell</u>, <u>2019-06</u> <u>remote</u>

Jones, Megan 2020-09 Centre

Jones, Steve <u>2017-06 map</u>

Journal of Ecology honours eminent ecologist and TERN Advisory Board member 2016-06 Journal

journals represented in TERN publications 2019-03 publications

Joyce, Karen 2013-11 universities

Joyce, Lizzy 2019-09 Centre

<u>Just part of the picture: camera traps reveal biodiversity at high-tech ecosystem observatories</u> <u>2017-09 camera</u>

Kakadu National Park

extreme fires effect on savannas 2013-05 collaborative

fire management 2015-04 ecologically

five-yearly survey 2013-05 collaborative

impact of sea level rise on Kakadu wetlands 2014-03 helping, 2014-04 fostering

improved park management 2017-07 Kakadu

and Ranger uranium mine rehabilitation 2019-01 mine

Kakadu National Park Traditional Owners 2013-05 collaborative Kakadu region, tracking past rainfall using nutshells from Madjedbebe rock shelter 2021-03 ARC Kalatha Giant Tree Boardwalk, near Healesville, Vic. 2013-07 tall kangaroo counting, drone use 2016-10 drones Kangaroo Island monitoring the impacts of bushfires on soils 2021-10 monitoring post-bushfire surveys to track ecosystem recovery 2020-09 Kangaroo summary of TERN plots on 2020-09 Kangaroo, 2021-10 monitoring Kangaroo Island dunnart (Sminthopsis aitkeni), ecosystem requirements 2020-09 Kangaroo Kangaroo Island Land for Wildlife 2020-09 Kangaroo Karan, Mirko 2013-08 cosmic, 2013-08 like, 2013-10 western, 2014-12 TERN, 2016-11 tea Karawatha Forest Park, Qld 2012-09 looking, 2013-08 TERN, 2014-10 armchair, 2014-10 echidna Karijini National Park, WA, AusPlot ecosystem monitoring site 2015-06 Pilbara Karsdorp, Wilma 2020-11 ESAus20 Keck Institute for Space Studies (KISS) 2019-11 biodiversity Keep watch on coasts from your office chair 2013-06 keep Keith, David 2012-09 understanding, 2013-02 TERN, 2015-12 vision, 2016-09 global, 2016-**09 NSW** receives Australian Ecology Research Award 2013-12 collaborative Keith, Heather 2014-12 research Kelly, Dione 2018-07 Tanami Keninger, Lucy 2011-11 exploring, 2011-12 wild Kessner, Vince 2013-05 collaborative Khuyen, Kim 2019-06 training Kidnie, Susan 2015-01 green Kim, Eun-Shik 2013-10 TERN Kim, Hyun-Seok 2022-08 update King, Edward 2014-08 SPEDDEXES king tides, impact on coastal ecosystems 2014-01 improving Kirschbaum, Miko 2019-11 Manaaki Kitchen, Mark 2019-08 Copernicus Kitching, Roger 2011-12 SuperSite KiwiFlux 2014-11 Hunt Kloppers, Gabrielle 2013-11 future koalas habitat mapping, high-resolution spectroscopy data use 2014-05 gourmet habitat prediction under future climate patterns 2020-11 Global population decline, NSW and Qld 2012-09 analysis population monitoring, spot assessment technique using droppings, Karawatha Forest Park, Old 2012-09 looking regional population dynamics 2011-10 ACEAS Koeleria macrantha, re-discovered in Tasmania's Midlands after nearly 180 years 2020-04 grass Koerber, Georgia 2014-01 TERN, 2019-06 training Kohler, Jamie 2019-06 training Konijin, Jacco 2019-12 Snowy Koonamore Vegetation Reserve, SA long-term study by University of Adelaide students of regeneration of natural vegetation

2014-02 experience, 2015-09 track Kopuatai Bog, NZ, OzFlux site 2020-07 Kopuatai Korea Ecological Observatory Network (KEON) 2014-12 TERN, 2016-03 global, 2016-11 NASA, 2017-09 Korea Korean delegation, TERN hosts 2014-12 TERN Korean Long-Term Ecological Research Network (KLTERN) 2014-12 TERN, 2017-09 Korea, 2019-03 Asia Kowal, Emma 2021-03 ARC Kraehe, Annie 2019-06 training Krisianski, Sean 2020-08 training Krockenberger, Andrew 2016-09 possum Kutsch, Werner 2021-09 Sydney Kutt, Alex 2012-09 wave, 2015-06 condition Kwon, Ohseok 2014-12 TERN, 2017-09 Korea, 2019-03 Asia 'Kyoto Statement' on Asia-Pacific actions on SDGs 2018-11 Kyoto Kyungpook National University 2014-12 TERN Ecological Entomology Library, South Korea, signs MoU with TERN 2017-09 Korea La Trobe University post-graduate research 2013-11 students Research Centre for Applied Alpine Ecology 2017-06 decades, 2021-04 Research researchers 2011-12 SuperSite, 2015-01 long-term Laity, Tania 2012-02 decisions, 2012-06 new LAMPS lights TERN's way 2011-09 LAMPS land-atmosphere energy, carbon and water exchange micro-meteorological data from 33 TERN-supported flux stations 2022-03 flux land management aerial imagery use, farming decisions 2012-08 aerial, 2014-11 satellite AusCover long-term satellite data for 2012-12 building, 2015-09 satellite carbon economy and biodiversity 2012-07 carbon hillslope erosion risk map applications 2020-04 erosion Indigenous know-how on burning savannas to be exported to Timor and Papua New Guinea 2012-12 Indigenous intensity, impact on carbon stocks and flows, plant water use and heat stress 2020-03 investigating outcomes, improving 2012-08 working, 2018-12 dust practices, and hillslope erosion monitoring 2020-04 erosion land managers evaluating the risk of plants and animals to extreme events 2021-01 forests instant access to localised soil information 2013-04 soil land restoration, active restoration to improve soil condition and plant and animal diversity 2012-12 restoration land surface, effect of changes in on the climate 2012-07 working land surface models (LSMs), improving the performance of 2018-07 stepping land surface phenology 2015-03 phenology land use, "will European land use devastate Australia's unique biodiversity" - debate 2012-02 landscape, 2012-04 romantics land-use change, affect on water resources and greenhouse-gas exchange, NT 2013-07 NATT land-use planning, TREND data, primary production areas, SA 2012-08 TREND Landcare Research New Zealand 2014-11 Hunt

purpose and research activities 2019-11 Manaaki

landholders, ground cover data use, from NRM Spatial Hub <u>2016-10 online</u> landscape assessment

NASA shuttle mapping, Top End with an eye to agriculture <u>2013-07 mapping</u> *see also* AusCover; Soil and Landscape Grid of Australia

Landscape Context Planning System, integrating landscape ecology into forest management <u>2019-08 Yee</u>

Landscape Data Visualiser 2018-12 landscape, 2020-05 teaching

landscape monitoring, as part of multi-scaled approach to effective ecosystem monitoring <u>2020-07 effective</u>

Lang, Peter 2020-10 botanists

Langenheim, Nano 2017-06 ecoEd, 2019-01 ecoEd

Langley, Margaret 2013-10 sandplains

Langlois, Tim 2019-04 ecocloud

Lasers, drones and tree climbers measuring Tassie's World Heritage forests <u>2015-02 lasers</u> Lateral Economics, report on cost-benefit analysis of national research infrastructure <u>2022-03</u>

<u>update</u>

Latz, Peter 2011-12 wild

Laubach, Johannes 2019-11 Manaaki, 2020-11 Ashley

Laughlin, Daniel 2021-04 putting

Laurance, Bill 2019-09 Centre

Laurance, Susan 2014-01 Daintree, 2014-03 hives, 2017-02 raincoat, 2017-12 raincoat

Law, Brad 2022-07 forest

Lawes, Michael 2013-02 TERN

le Roux, Xavier 2012-05 business

Leadbeater's possum 2015-12 vision, 2016-09 global

Leaf Area Index (LAI)

researcher use, TERN poll 2030-03 leaf

satellite-based estimates 2018-08 global

leaf level physiology, chemistry and structural traits, from seven TERN SuperSites <u>2018-09</u> <u>data</u>

leaf size, changes in 2013-04 students

leaf trait data from South Australia's Mt Lofty Ranges 2018-09 data

leaf traits, as predictor of plant responses to environmental change 2019-06 barometers

Leaf waxes paint picture of past to inform future 2014-08 Howard, 2019-02 waxes

Learners of all kinds roll up their sleeves for work at supersites 2013-04 learners

Learning from change 2019-03 learning

Lee, Hun-Bok 2022-08 update

Lee, Serena 2019-04 ecocloud

Leedman, Ashley 2021-07 threatened

Leicester University 2019-08 Copernicus

Leitch, Emrys <u>2012-06 assessing</u>, <u>2013-07 AusPlots</u>, <u>2013-09 surveys</u>, <u>2014-03 survey</u>, <u>2015-06 condition</u>, <u>2015-12 catchment</u>, <u>2018-09 Cape York</u>, <u>2019-06 training</u>, <u>2020-10</u> botanists, 2021-04 putting

Lemetre, Christophe 2019-11 drug

Leopold, Matthias 2022-05 CZO

Lepschi, Brendan 2015-04 Lepschi

Lerebourg, Christophe 2019-08 Copernicus, 2021-11 verifying

lesser hair-footed dunnarta, interaction with wolf spiders, camera trap studies <u>2022-12 night</u> Lesslie, Robert George <u>2012-08 working</u>

obituary 214-04 Lesslie Leuning, Ray, obituary 2016-03 Leuning Lewis, Adam 2017-05 data, 2021-02 Earth Lewis, Megan 2017-01 fire, 2018-03 map, 2019-08 Spatial, 2021-08 update Leys, John 2014-01 windy L'Herpiniere. Kiara 2019-05 birds eggs Li, Jinguan 2021-04 predicting LIDAR data ForestLAS toolkit 2014-06 value ground-based, native forest plots, NSW 2022-07 forest point data cloud 2020-02 ghost time-series data collection, survey 2021-05 interested to assess vegetation biomass, carbon inventory and ecosystem monitoring 2015-04 funding used for visual component of Ghost Trees 2020-02 ghost Warra Tall Eucalypt SuperSite, Tas. 2014-06 value Liddell, Mike 2011-12 SuperSite, 2012-09 many, 2012-10 bridging, 2012-10 licensing, 2013-08 like, 2014-12 TERN, 2016-09 possum, 2017-09 camera, 2021-11 tour, 2022-05 longterm visits CERN 2015-02 TERN LifeWatch ERIC 2019-12 Snowy Like a plant after rain, TERN-NEON partnership blossoms 2013-08 like sime deficiencies in agricultural soils 2022-03 Institute Lin, Hua 2021-01 forests Lincoln University, NZ Ashley Dene Research and Development Station 2020-11 Ashley researchers 2019-11 Manaaki Lindenmayer, David 2012-07 standardising, 2013-07 tall, 2013-11 plot, 2014-02 landmark, 2014-02 wake-up, 2014-12 research, 2017-04 farms, 2017-07 responsible finalist in 2011's Eureka Awards 2011-09 Eureka linear infrastructure, impact on flow and distribution of water 2019-02 Raiter Lintermans, Mark 2020-05 Canberra Listen up: new technologies for sound biodiversity monitoring 2017-05 sound Litchfield National Park development as new site in Australian SuperSite Network 2012-07 savanna fire management 2013-07 NATT, 2015-04 ecologically five-yearly survey 2013-05 collaborative Litchfield Savanna SuperSite, NT 2012-06 ASN, 2014-01 connecting as global Earth observation environmental monitoring superstar 2021-11 verifying Australian ingenuity to overcome fire, heat and humidity 2021-11 verifying Charles Darwin University student training in field work and remote sensing 2013-04 learners, 2013-11 universities, 2014-09 nation-wide, 2019-10 RIEL CosmOz sensor installation 2020-02 cosmic flux tower installed 2014-03 hives global vegetation health monitoring 2021-11 verifying sensitive sensors survive bushfires 2018-09 sensitive, 2020-01 safeguarding tea bag monitoring 2016-11 tea to explain relationship between fire and carbon 2012-07 savanna vegetation structure and fire dynamics 2013-07 NATT water stress in Australian forests 2017-11 Peters Wood Block Decomposition 12 Month Mass Loss Assessment 2019-04 TERN data

Little Sandy Desert bioregion 2014-07 van Leeuwen, 2014-09 collaboration

Live Learning Library (repository of ecological information from The University of

Queensland's Heron Island Research Station) 2017-10 students

Liveability for all on our urban fringes <u>2020-02 liveability</u>

Living labs on Top End grazing land <u>2015-09 living</u>

Living on the edge: a continental-scale assessment of forest vulnerability to drought 2021-05 <u>living</u>

Living Planet Index 2018-06 threatened

Living soils in agriculture 2022-08 living

Llewellyn, Lyndon 2017-05 data

local communities, sustainable development goals 2020-04 Deakin

Local knowledge builds better maps 2013-04 local

Locke, John 2014-12 ACEAS

Loescher, Hank 2016-03 global

Logan River catchment floods

historical photo use 2014-10 photos

visualisation tool use <u>2013-09 visualising</u>, <u>2014-01 improving</u>, <u>2014-07 Mackenzie</u> Lohr, Cheryl <u>2021-09 Centre</u>

- London calling: TERN's Earth observation infrastructure on the global stage <u>2017-04</u> London
- Long, Bill 2013-04 soil
- Long, Suzanne 2014-06 evolution
- Long, Zareth 2014-07 van Leeuwen
- long-haired rat (*Rattus villosissimus*), boom-and-bust nature, Simpson Desert 2012-09 boom long-nosed bandicoot (*Perameles nasuta*) 2013-11 plot

Long-term Australian Multi-scale Plot Scheme <u>2011-09 Eureka</u> coordinates sub-facilities - AusPlots, LTERN and ASN <u>2011-09 LAMPS</u> first meeting of all MSPN facilities <u>2011-11 first</u>

see also Multi-scale Plot Network (MSPN)

Long-term desert ecology data now openly-available through diverse TERN data infrastructure 2016-03 desert

long-term ecological research

AusLTER Forum, 2018 2018-12 long-term

in Australia, survey results 2021-07 long-term

plot by plot, research becomes part of the social landscape 2013-11 plot

regeneration of natural arid zone vegetation, Koonamore Vegetation Reserve, SA <u>2014-02</u> <u>experience</u>, <u>2015-09 track</u>

Long Term Ecological Research Network (LTERN) <u>2011-09 LAMPS</u>, <u>2012-12 MSPN</u> Adelaide office, launches TREND website <u>2011-10 science</u>

alpine ecosystems <u>2012-12 MSPN</u>, <u>2013-07 tall</u>, <u>2013-08 Bogong</u>, <u>2014-07 Derrick</u>, <u>2017-06 decades</u>

ANU researcher uses monitoring sites to inspire students <u>2014-09 Gibbons</u> community education <u>2013-11 plot</u>

Data Portal 2016-03 desert

helps develop Red List of Ecosystems protocols and criteria <u>2015-12 vision</u> as key to sustainable land management in northern Australia <u>2014-03 modelling</u> key to sustainable land management in northern Australia <u>2014-03 long-term</u> Mallee Plot Network, ecosystem dynamics studies <u>2012-09 understanding</u> mountain ash forests of Victoria's highlands at risk of collapse <u>2014-12 research</u> post-graduate research assistance in <u>2013-11 plot</u> publications catalogued 2013-06 LTERN

publishes *Biodiversity and Environmental Change: Monitoring, Challenges and Direction* 2015-04 biodiversity, 2016-09 global

publishes Policy Handbook 2015-04 biodiversity

Simpson Desert sites 2014-05 sample

standardising long-term monitoring of environmental carbon 2012-07 standardising

tropical forest diversity driven by early life-cycle plant development 2015-01 long-term

*see also* specific LTERN plot networks, e.g. Jervis Bay Booderee National Park Plot Network

Long-term flux data reveals role of ecosystems in climate change management <u>2022-05 long-</u> term

Long-term Plan for Australian Ecosystem Science see Foundations for the future: a longterm plan for Australian ecosystem science

long-term research

in Australia 2018-12 long-term

forum 2018-12 long-term

Long-term research infrastructure facilitates groundbreaking rainforest study <u>2015-01 long-</u> term

Long-term satellite data for natural resource and land-management <u>2015-09 satellite</u> long-tongued striped possum (*Dactylopsila trivirgata*) 2016-09 possum

Longreach Pastoral College, Mitchell Grasslands ecosystem observatory <u>2019-04 Mitchell</u>, <u>2021-07 Mitchell</u>

Looking at poo to monitor koala populations 2012-09 looking

Looking back at TERN's 2021 webinars 2021-12 looking

Loughborough University, UK 2015-06 cyanobacteria

Louisiana State University 2015-01 long-term

Low, Bill 2018-07 Tanami

Low Ecological Services 2018-07 Tanami

Lowe, Andy (Andrew) <u>2011-10 data</u>, <u>2012-06 share</u>, <u>2012-09 AEKOS</u>, <u>2012-10 discovering</u>, <u>2012-10 TERN</u>, <u>2013-02 refocus</u>, <u>2014-07 foundations</u>, <u>2016-03 open data</u>, <u>2016-11 open</u>, 2017-12 weeds, 2018-07 climate, 2021-10 update

Building a global picture of plant ecological function <u>2021-07 building</u>

Cost-effective method of environmental DNA profiling of soil 2021-09 soil

How do we quantify Australia's ecosystem services? 2021-08 quantify

Lower South East South Australia, as plant biodiversity hotspot <u>2016-09 biodiversity</u> LTERN *see* Long Term Ecological Research Network

Lucas, Richard 2012-07 detecting, 2016-03 satellite, 2016-10 drones, 2019-08 mangrove

lucerne, as a means of reducing carbon and nitrogen losses from farms, NZ <u>2020-11 Ashley</u> lucerne grazing versus cut-and-carry management, nitrogen and carbon losses, agricultural systems, NZ <u>2019-11 Manaaki</u>

Lucieer, Arko 2013-09 AusCover, 2015-02 lasers, 2016-10 drones

Luskin, Matthew 2022-08 observing

Luxton, Sarah 2017-06 ecoEd

Lymburner, Leo 2019-08 mangrove

Lynch, Mervyn 2011-11 hyperspectral, 2012-03 workshops

Lyon, Pete 2017-05 data

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National Science Week, 2022, TERN celebrates with NCRIS collaboration <u>2022-08 TERN</u> National Sea Change Taskforce <u>2012-12 improving</u>

National Socio-environmental Synthesis Center (SESYNC) 2013-12 fun

national soil map, from TERN 2022-03 soil

National Species Lists (NSL) 2012-10 AEKOS

National Taiwan University 2017-04 soil

- national terrestrial ecosystems sample library, housed at University of Adelaide's Waite Campus <u>2017-09 sample</u>
- national threatened species database 2018-06 threatened
- National Threatened Species Day 2021-09 Australians
- National Vegetation Information System (NVIS) 2018-03 map
- major vegetation groups, TERN ecosystem survey sites 2018-09 Cape York
- native bees (Lipotriches flavoviridus) 2013-11 plot
- native grasslands, fertiliser addition and the soil carbon equation <u>2020-09 changing</u>
- native mammals, impact of flooding rains and erratic greening, arid ecosystems <u>2014-01</u> erratic
- native plant biodiversity, weed impacts, grassland ecosystems 2017-12 weeds

native stingless bees, as agricultural crop pollinators 2020-03 environmental

- NATT see North Australian Tropical Transect
- Natural Environment Research Council (UK) 2015-06 cyanobacteria
- natural heritage, and cultural heritage 2011-10 cultural
- natural heritage assessment, integrating measures of phylogenetic and taxonomic diversity and endemism <u>2012-06 new</u>
- Natural Resource Management (NRM) regions
  - AusCover long-term satellite data for NRM 2015-09 satellite
  - decision making, Soil and Landscape Grid of Australia use 2019-03 R package
  - MER network to measure effectiveness of post-fire recovery and ecological management <u>2021-10 reviewing</u>
- Natural Resources Access Regulator (NRAR), NSW, uses TERN's AET data to ensure compliant water usage 2022-05 TERN
- The Nature Conservancy 2012-11 savanna, 2014-03 cyclones
- 'Nature as Data', art-science interface, *Ghost Trees* 2020-02 ghost *Nature* 
  - study data from CSIRO's long-term rainforest data set deposited into TERN's repository TERN as recommended depository for ecology data deposition <u>2021-07 Nature</u>
- Navarro, Laetitia 2019-12 Snowy
- NCRIS (National Collaborative Research Infrastructure Strategy)
  - ARC CoE heavy reliance on NCRIS infrastructure <u>2017-10 facilitating</u> Canberra Symposium celebrates 10th anniversary of Australian investment in

environmental research infrastructure <u>2017-04 NCRIS</u>, <u>2017-05 data</u> collaborations with 2015-12 vision

- creative hackathon solutions demonstrate value of NCRIS and CSIRO data <u>2016-03</u> <u>hackathon</u>
- direct benefit to Australian society and the environment of investment in <u>2022-03 update</u> funding <u>2013-06 data</u>, <u>2018-01 investment</u>, <u>2020-10 update</u>

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Groundwater database 2017-08 Earth

Groundwater program 2019-07 treetop

impact of NCRIS-funded projects 2017-11 raptors

multiplies power of research 2014-04 NCRIS

NCRIS II (EIF SuperScience) Final Report 2015-12 vision

NSW Government co-invests to track ecosystem change 2016-09 NSW

partners, EcoAssets project 2021-11 delivering

partners work together to build Soils-to-Satellites tool 2012-08 NCRIS

partnerships developing complementary data services 2016-06 NCRIS

projects funded 2014-08 creating

research data, recognised at annual GovHack awards 2016-11 open

TERN celebrates National Science Week 2022 with NCRIS collaboration <u>2022-08 TERN</u> user satisfaction survey <u>2019-06 surveys</u>

NeCTAR *see* National eResearch Collaboration Tools and Resources project (NeCTAR) Need soil moisture data? Try a cosmic ray soil moisture sensor <u>2020-06 soil</u>

Neldner, John 2017-06 map

Nelson, David 2016-03 desert

NEON see National Ecological Observatory Network

nesting boxes, camera monitoring, striped possums 2016-09 possum

net biome production 2013-02 carbon

net ecosystem exchange (NEE), QA/QC, gap-filled datasets 2022-03 flux

net primary production (NPP) 2012-11 Australian, 2012-12 Indigenous, 2013-01 accurate, 2013-02 carbon

Nethery, Matt 2015-03 MCAS-S

Nevill, Paul <u>2021-11 next-gen</u>

A new approach to assessing natural heritage <u>2012-06 new</u>

New biodiversity transects established by TERN in Western Australia 2022-12 new

New Data! The photosynthetic pathway of all plant species in the TERN plot network <u>2021-</u> <u>04 photosynthetic</u>

New ecosystem monitoring plots established to address biodiversity threats in WA's Pilbara 2015-06 Pilbara

A new era in biodiversity science: linking integrated space-based and in-situ observations 2019-11 biodiversity

New livelihoods from traditional lands in Arafura region 2012-05 new

New maps reveal mangrove change since 80s 2019-08 mangrove

New methods for measuring and validating soil carbon sequestration <u>2021-06 measuring</u>

New nation-wide environmental condition monitoring protocols put to the test <u>2015-06</u> <u>condition</u>

A new port of call for turtle data 2013-01 new

New research predicts collapse of mountain ash ecosystem 2014-12 research

New skills and practical inspiration: TERN plot-based ecological monitoring training a big success 2019-06 training

New soil erosion research improves bushfire recovery 2020-04 erosion

New South Wales, ecosystem change monitoring <u>2016-09 NSW</u>

New tools to improve state fire mapping 2017-01 fire

New Zealand Ecological Society

EcoTas 2013 conference, Auckland, NZ 2013-12 call, 2013-12 collaborative

Newmont Mining Corporation 2018-07 Tanami

Newnham, Glenn 2021-07 all-weather

Newport, Karl 2015-06 condition

Newton, Isaac, and the Great Plague of London 2020-03 update

Next-gen DNA sequencing for improved environmental impact assessment <u>2021-11 next-gen</u> Ngadju kala: fire management in the Great Western Woodlands <u>2014-01 Ngadju</u> Nicholas, Isabella 2013-11 future Nichols, Cassandra 2017-01 books Nicholson, Jaylen 2019-01 mine Nicotra, Adrienne 2021-08 update Night of the hunter: using cameras to quantify nocturnal activity in desert spiders 201222 night Night Parrot Recovery Team website 2017-07 responsible Nimmo, Dale 2020-01 Institute Nine Points South 2011-12 data 90-years of open-data track change in rangeland ecosystem 2015-09 track Nitmiluk National Park fire management 2015-04 ecologically five-yearly survey 2013-05 collaborative nitrogen-fixing bacteria, role in nutrient cycling 2022-08 living Noble, Alan 2013-01 your, 2013-02 challenge, 2013-03 where The acorn and the oak: growing high-tech nation from a primary interest in science 2013-01 acorn NOBURN – citizen science app for people living in fire-prone areas 2021-08 University Normalised Difference Vegetation Index (NDVI) 2012-07 detecting, 2015-01 green North Australian Fire Information (NAFI) 2012-11 characterising, 2014-07 Jacklyn North Australian Indigenous Land and Sea Management Alliance (NAILSMA) 2012-05 new, 2012-12 Indigenous North Australian Pastoral Company (NAPCO) 2014-03 survey North Australian Tropical Transect (NATT) 2014-03 northern, 2015-12 Maes, 2019-01 mine, 2019-10 RIEL as the backbone of NT research 2013-07 NATT hosts Fulbright Fellow Israel Del Toro to study ant populations 2012-09 infrastructure impact of cattle grazing on ants in tropical savannas 2015-09 living north-east Victoria, TERN infrastructure contributing to industry sustainability 2013-07 tall Northern Arizona University 2021-03 ecosystem northern Australia Australian SuperSite Network (ASN) 2014-03 hives groundwater acidity 2014-03 plumbing, 2015-05 plumbing improving the success of investment in northern Australia through better soil information 2014-03 improving integrated catchment to coast planning 2014-03 integrated long-term research key to sustainable land management 2014-03 long-term mammal extinctions, comparison with southern Australia 2012-09 wave savanna ecosystem surveys 2014-03 survey understanding cyclones and fires using satellites 2014-03 cyclones Northern Australia and Rangelands Fire Information (NAFI) 2017-01 fire, 2017-02 Edwards Northern Territory's Department of Land Resource Management 2013-05 collaborative, 2014-03 improving, 2015-04 ecologically NovasSAR-1 satellite-collected radar images of the Australian continent 2021-07 all-weather Novel forest research using TERN set to improve ecosystem-climate modelling 2022-03 novel NRM Spatial Hub 2016-10 online NSW Department of Planning, Industry and Environment (DPIE) 2020-04 erosion NSW Department of Primary Industries 2016-10 drones, 2022-07 forest **NSW** Government

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NSW Rural Fire Service

use of erosion risk maps 2020-04 erosion

vegetation data analysis and fire spread 2020-02 Centre

Nuances of a network: a new structure for the Multi-Scale Plot Network <u>2012-06 nuances</u> nutrient addition, impact of climate change on, in managed grasslands <u>2020-09 changing</u> nutrient cycling dataset <u>2021-08 quantify</u>

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Fox, Peter <u>2021-04 update</u> Griffiths, Ian 2021-09 update

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Lesslie, Robert George 214-04 Lesslie

Leuning, Ray 2016-03 Leuning

Scholes, Bob 2021-04 update

Specht, Raymond 2021-02 update

O'Brien, Lauren 2019-03 R package

*Observing Environmental Change in Australia – conversations for sustainability* (TERN) <u>2019-05 observing</u>

Observing vertebrate wildlife using camera trapping 2022-08 observing

Ochoa-Hueso, Raúl 2020-09 changing

Of mice and dogs 2014-11 mice

O'Grady, Anthony 2013-05 extreme

Old field restoration improves biodiversity and soils and large parts of Australia have huge potential to be remediated 2012-12 restoration

Oliveira, Sofia 2012-11 characterising

Oliver, Paul 2020-03 environmental

On the road talking data infrastructure 2014-06 road

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Online data and tools transforming farm planning and monitoring <u>2016-10 online</u>

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Opportunity awaits 2013-10 delivering

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- photosynthetic pathway dataset of every vascular plant species recorded across TERN's entire national plot network <u>2021-04 photosynthetic</u>
- Photosynthetically Active Radiation (PAR), to characterise light penetration through the canopy <u>2022-12 new</u>

Pilbara Corridors project, AusPlots ecosystem monitoring sites 2015-06 Pilbara

Pilbara flora, identification, for effective land management <u>2021-11 next-gen</u>

Pilbara region, summary of TERN plots 2021-11 next-gen

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Pioner, Silvia 2017-05 sound

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Pisek, Jan, vegetation clumping measurement using remote sensing technology <u>2015-01</u> <u>Pisek, 2021-06 international</u>

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project

South-East Queensland Peri-urban SuperSite, Qld <u>2013-04 learners</u>, <u>2013-08 TERN</u>, <u>2014-10</u> <u>echidna</u>

acoustic sensor usage 2012-10 eclipsed

camera traps <u>2017-09 camera</u>

koala population monitoring, spot assessment technique to survey scats <u>2012-09 looking</u> movement of carbon in estuaries <u>2012-07 study</u>

photosphere 2014-10 armchair

research and activities 2011-12 SuperSite

tea bag monitoring 2016-11 tea

Wood Block Decomposition 12 Month Mass Loss Assessment <u>2019-04 TERN data</u> South Korea MoU expands TERN's regional network <u>2017-09 Korea</u>

South West Australian Transitional Transect (SWATT)

co-established by ATN and WADPW 2013-07 agriculture

data accessible via ÆKOS Data Portal 2015-02 treasures

extent of 2013-10 sandplains

rapid changes in species composition, sandplain ecosystems 2017-03 conserving

training indigenous rangers for SWATT resampling n the Birriliburu Indigenous Protected Area 2021-06 update

south-west sandplain communities, vegetation data, SWATT sites, WA 2013-10 sandplains, 2015-02 treasures

south-west WA, richest ecosystems grow on ancient soils 2021-09 Centre

south-west WA's tall eucalypt forests, long-term monitoring plots <u>2013-07 agriculture</u> South-western woodlands a focus of research <u>2011-11 woodlands</u>

southern Australian eucalypt woodlands, threatened woodland recovery plans <u>2021-09</u> <u>ecologists</u>

southern brown bandicoots, reintroduction, Booderee National Park <u>2016-09 Booderee</u> Southern Eyre Peninsula, as plant biodiversity hotspot <u>2016-09 biodiversity</u>

Southern Flinders Ranges, as plant biodiversity hotspot 2016-09 biodiversity

Southern Mount Lofty Ranges, as plant biodiversity hotspot 2016-09 biodiversity

Southern Tanami Indigenous Protected Area, biodiversity data released <u>2018-07 Tanami</u> Southwest Botanical Province, WA, climate transects within and adjacent to <u>2021-06 update</u>

Space Enabled Research Group, MIT Media Lab 2019-12 systems

Space Science and Engineering Center (SSEC), University of Wisconsin <u>2012-03 workshops</u> Space-borne laser and radar ecosystem monitoring <u>2018-08 laser</u>

Spanish National Research Council 2017-12 weeds

Sparrow, Ashley 2021-08 update

Sparrow, Ben 2012-06 assessing, 2012-10 mobile, 2013-12 scaling, 2014-09 collaboration, 2014-12 practical, 2015-06 condition, 2015-06 cyanobacteria, 2016-06 FAO, 2017-05 forests, 2017-09 sample, 2019-04 shaping, 2019-06 training, 2020-04 grass, 2020-06 trusted, 2020-07 effective, 2021-04 photosynthetic, 2022-12 treasure

spatial datasets, SPEDDEXES for 2014-08 SPEDDEXES

- Spatial Network Analysis for Multimodal Urban Transport Systems (SNAMUTS) system 2020-02 liveability
- Spatial Sciences Group (University of Adelaide) <u>2019-08 Spatial</u> monitoring condition of Australia's rangelands <u>2019-08 Spatial</u>

Specht, Alison 2011-12 wild, 2012-12 engaging, 2013-08 collaboration, 2014-12 ACEAS Specht, Raymond (Ray) 2020-06 update, 2021-02 update

species documentation, importance for industry and economic growth <u>2021-06 cost-benefit</u> species diversity, as predictors of environmental change <u>2020-03 environmental</u>

species turnover

botanical composition, Western Australian's sandplain ecosystem <u>2017-03 conserving</u> under severe climate scenarios, SA <u>2018-07 climate</u>

specific leaf area, as biological barometer of environmental change in plants <u>2019-06</u> <u>barometers</u>

SPEDDEXES (Spatially Explicit Data Discovery, Extraction and Evaluation Service) <u>2014-04 sky</u>, <u>2014-08 SPEDDEXES</u>

Speldewinde, Peter 2021-09 Centre

spiders

nocturnal hunting, camera traps quantify activity, complex desert ecosystems 201222 night wolf spiders interaction with lesser hairy footed dunnart, camera trap studies 201222 night spidery wattle (*Acacia araneosa*)

aerial survey, Flinders Ranges 2013-09 surveys

survival, northern Flinders Ranges 2018-10 surveys

spinifex grasslands, rainfall and ecosystem switch from carbon source to carbon sink  $\frac{2019-12}{\text{sink}}$ 

sPlot Global Vegetation Database 2014-12 creating, 2018-12 vegetation

Sporadanthus ferrugineus (giant cane rush), Kopuatai Bog, NZ 2020-07 Kopuatai

spot assessment technique to survey koala scats, Karawatha Forest Park, Qld <u>2012-09 looking</u> Sprigg, Doug <u>2013-09 surveys</u>

Staben, Grant 2017-02 Edwards

stakeholder engagement and delivery 2012-04 engagement

Standardising long-term monitoring of environmental carbon 2012-07 standardising

Standards to assist conservation and decision-making 2021-03 standards

Standish, Rachel 2018-10 drought, 2021-01 Butler, 2012-12 restoration

Starkey, Ben 2022-05 commercial

Starkey, Michael 2018-09 Cape York, 2018-10 Marchin, 2019-06 training, 2019-07 observatory

State agencies give ÆKOS the thumbs up 2011-12 state

State of the Environment Report, 2011 2014-02 landmark

State of the Environment Report, 2016 2019-08 mangroves

State of the Environment Report, 2021 2022-08 observing draft scoping documents for chapters in 2020-11 update

proposed framework 2020-08 update

State of the Environment Reporting, EcoAssets projects to provide integrated data assets for <u>2021-11 delivering</u>

State Herbarium of South Australia, voucher specimens from Brookfield Conservation Park <u>2020-10 botanists</u>

Stavros, Natasha 2016-11 NASA

STEM

making it more attractive to girls and women 2013-01 acorn

promoted through Schools Weather and Air Quality (SWAQ) citizen science project <u>2021-</u> <u>09 Sydney</u>

Superstar at TERN 2020-12 STEM

using Virtual Reality for 2020-02 ghost

Stenson, Matt 2021-10 getting

Stephens, Ruby E, Research using TERN data: flowers, biomes and a mountain of data <u>2022-</u><u>07 research</u>

Stepping stones to better climate models <u>2018-07 stepping</u>

Steven, Andy 2012-03 coastal, 2012-07 study, 2012-12 improving, 2014-05 collaborating

Stevens, Heather 2020-10 hot

Stiglingh, Andrea 2019-06 training

stingless bees, native, as agricultural crop pollinators 2020-03 environmental

stock numbers, counting, drone use 2016-10 drones

stocking rates and improved pasture models, Qld 2021-03 paddock

Stol, Jacqui 2017-05 sound, 2019-12 Snowy

Storer, Peter 2021-05 Brisbane

Strahler, Alan 2017-04 London

A strategic future for Australian higher education 2013-11 strategic

stream monitoring, spatial modelling to predict health of streams 2012-02 decisions

Streamlined data for environmental reporting 2022-08 streamlined

stress monitoring, ecosystems, Boyagin and Ridgefield sites, WA 2021-06 Boyagin

stress monitoring infrastructure, installed at WA SuperSites <u>2020-10 monitoring</u>, <u>2022-12</u> <u>new</u>

Student challenge "brings text books to life" 2017-01 books

Students gain skills, TREND gains data in symbiotic exchange <u>2013-04 students</u> Students key to synthesis success <u>2013-11 students</u>

Students key to synthesis success <u>2013-11 students</u> Students provide comprehensive record of the reef 2017-10 students

Students visualise Perth's water data 2021-08 students

Study focuses on movement of carbon in estuaries 2012-07 study

stygofauna 2012-02 creatures

Suarez, Lola 2013-07 NATT

subterranean fauna species in aquifers and mineral deposits, DNA barcoding identification <u>2012-02 creatures</u>

Summer Internship for Indigenous Peoples in Genomics (SING), Deakin University, 2019 2021-03 ARC

Summers, David 2019-04 shaping, 2019-06 training

Super Science Initiative, funds TERN 2012-12 TERN

superb fairy-wren (*Malurus cyaneus*), environmental causes of population decline <u>2018-08</u> <u>song-bird</u>

Supersite portal gives snapshot of research <u>2011-12 portal</u>

Supersites get the measure of ecosystems 2011-12 SuperSite

Superstars of STEM, TERN's Samantha Monroe named among 2020-12 STEM

Supervising Scientist 2019-01 virtual

Supporting global impact science 2015-12 supporting

surface environment, and CZO 2019-07 treetop

surface reflectance products, calibration and validation <u>2019-04 Mitchell</u>

surface soil samples, *n*-alkane distribution, correlation with general vegetation found over an area 2014-08 Howard, 2019-02 waxes

surface-vegetation-atmospheric-transfer (SVAT) models 2014-11 forestry

surveillance monitoring, as part of multi-scaled approach to effective ecosystem monitoring <u>2020-07 effective</u>

Surveys of Flinders Ranges use technology from 1930s and 2010s 2013-09 surveys

Sustainable Development Goals *see* United Nations Sustainable Development Goals sustainable fire management <u>2017-08 Kakadu</u>

Sustainable Timber Tasmania 2019-12 essential

biodiversity landscape approach to forest management 2019-08 Yee

Sustaining the Australian Alps 2012-08 sustaining

Sweatman, Carole 2014-01 science

Sweeney, Susan 2012-12 special, 2013-02 access

Sweet as Raspberry Pi: TERN's new sensor technology for easier, cheaper ecosystem surveillance 2017-03 raspberry Swinbourne, Michael 2017-06 ecoEd Swinburne University of Technology 2018-10 Marchin Swiss Federal Institute of Technology, Zurich 2017-01 angry Switkowski, Ziggy 2021-09 pillars Sydney weather and air quality data now available from TERN 2021-09 Sydney Symon, David, in memoriam 2020-10 botanists Tahune Airwalk, TERN facilitated science on show at rebuilt 2019-12 essential Taking the long view on Australia's coastline 2012-05 taking Taking the pressure off Australia's stressed ecosystems 2012-02 pressure Taking the pulse of Australia's environment 2017-03 pulse Taking TERN soil tools to near neighbours and beyond 2017-04 soil tall eucalypt forests, aggregated retention method, to improve forestry policy, Warra SuperSite, Tas. 2012-08 research tall forest ecosystems, ecosystem surveillance plots 2017-03 ecosystem tall wet forests, post-fire data on fuel loads, Tasmania 2016-03 Furlaud Tamayo, Bobby 2016-03 desert Tanami Indigenous biodiversity data released 2018-07 Tanami Tanami Regional Biodiversity Monitoring project 2018-07 Tanami Tandy, Alison 2014-09 Gibbons targeted monitoring, as part of multi-scaled approach to effective ecosystem monitoring 2020-07 effective Tarin, Tonantzin 2019-12 sink Tartu Observatory, Estonia 2015-01 Pisek, 2021-06 international Tasmania, Department of Primary Industries, Parks, Water and Environment 2011-12 SuperSite, 2015-06 platypus, 2017-10 platypus Tasmania Parks and Wildlife Service 2019-12 essential Tasmanian Forestry Insect Catalogue 2013-06 appreciating Tasmanian Herbarium 2020-04 grass Tasmanian Platypus Survey dataset 2015-06 platypus, 2017-10 platypus Tasmania's Midlands, exotic grass re-discovered after nearly 180 years 2020-04 grass taxonomic search capability added to ÆKOS portal 2012-10 AEKOS Tazik, David 2013-02 two Tea Bag Index project, environmental monitoring, SuperSites 2016-11 tea Tea time 4 science 2016-11 tea Team Toowoomba, wins Paddock to Plate Hack 2016-11 open Technical University of Lisbon, Portugal 2012-11 characterising Telstra, fibre networks cost-savings, using TERN's Australian Soil Classification Map 2022-03 soil temperature, relationship to aggression and crime 2020-10 hot temperature data, 2019 environmental indicator 2020-03 environment TERN 2025: a common vision 2015-12 vision active in ESA's first symposium on open data in ecology 2016-03 open data and Universities Australia 2014-04 education, 2015-09 investment at COP26 Earth Information Day 2021-10 TERN Barest Earth products 2021-02 Earth celebrates National Science Week with NCRIS collaboration 2022-08 TERN

contribution to Greater Impact through Environmental Infrastructure Symposium, Canberra, 2017 <u>2017-04 NCRIS</u>, <u>2017-05 data</u>

as custodian of CSIRO's long-term rainforest data sets 2022-05 climate Data Licensing Policy and Framework 2012-06 TERN, 2012-10 licensing, 2012-10 TERN develops new ecological survey data exchange standard 2022-03 TERN ecosystem data for teaching 2020-05 teaching expands its regional international collaboration 2014-12 TERN as first Australian DataONE node 2015-06 DataONE inclusivity of traditional knowledge in TERN's ecosystem database 2021-02 update as international model for success 2015-02 TERN leads multi-national collaborations planning for a global ecosystem observatory 2016-03 global, 2017-10 observatory links with secondary education sector 2020-04 update makes NSW-government forest-monitoring data available for all 2022-07 forest new custodian of Threatened Species Index (TSX) 2021-07 threatened, 2021-07 update on the TV 2016-06 TV overview video 2020 2020-10 TERN pandemic and changed work practices 2020-03 update, 2020-04 update plot based monitoring see AusPlots in a position to coordinate the spread of collaborative research 2013-02 refocus present and future 2020-10 TERN producing Australian Pest Fauna Monitoring Protocols 2022-07 pest public briefing session on science of extreme events, Canberra 2014-01 improving recognised by Nature as a recommended data repository for scientific data in the discipline of ecology 2021-07 Nature role in EcoAssets project 2021-11 delivering role in national greenhouse gas accounting 2018-08 greenhouse role as observatory 2013-02 access sample collections empower Australian science 2014-05 sample seeks CoreTrustSeal certification of TERN e-infrastructure 2021-05 international showcases fire research and management infrastructure at Bushfire16 2016-06 fire

- stakeholder engagement and delivery <u>2012-04 engagement</u> standardised field survey protocols to provide consistent and comparable monitoring data
  - 2021-03 standards

steps to an enduring legacy - research, informatics, synthesis and policy <u>2012-04 staff</u> submission to National Research Infrastructure Capability Issues Paper <u>2016-09</u>

## ecosystems

supports citizen science for long-term biodiversity monitoring of orchids <u>2022-03 citizen</u> supports commercialisation success <u>2022-05 commercial</u>

Surveillance Method Training <u>2019-04 shaping</u>

takes soil information products across the Timor, Tasman, Coral Sea and beyond <u>2013-12</u> <u>TERN</u>

teams up with Google to deliver Australian science to millions worldwide <u>2017-02 Google</u> university, CSIRO and other research organisations as partners <u>2012-12 TERN</u> on the Web <u>2012-05 TERN</u>

webinar series, 2021 2021-12 looking

welcomes the new Ecosystem Science Council 2015-04 Council

work with ASDC to scale out cloud-native drone capabilities 2020-05 drone

workforce expansion in 2020-21 financial year 2020-10 TERN

TERN Advisory Board

discusses independent audit of TERN's governance model <u>2020-07 update</u>

discusses security of access to sites for repeat monitoring and surveillance activities <u>2021-</u> <u>03 update</u>

- discusses TERN's future trajectory and vision 2021-07 update
- member honoured by Journal of Ecology 2016-06 Journal
- new members 2020-11 update, 2021-10 update, 2022-08 update
- past member named WA Scientist of the Year 2012-02 Hobbs
- past members 2022-05 update, 2022-08 update
- refreshes conceptual framework which guides TERN's decision making about funding allocations <u>2022-05 update</u>
- strategies to improve engagement with data users, particularly in industry 2022-08 update thoughts on the future 2020-10 TERN
- welcomes new Chair, Hugh Possingham <u>2020-12 Possingham</u>, <u>2021-03 update</u> TERN 3rd Annual National Symposium, Adelaide, 2012
- Best of times and the worst of times in ecology (Steve Morton's opening address) 2012-04 best
  - Engagement: upping the ante 2012-04 engagement
  - Focus on delivering data 2012-04 focus
  - Past, present and future, including challenges 2012-04 TERN
- Romantics of conservation face off against the pragmatists (debate) <u>2012-04 romantics</u> Staff, directors and partners highlight first steps to an enduring legacy <u>2012-04 staff</u>
- TERN AET see Actual evapotranspiration
- TERN-ANU Landscape Data Visualiser <u>2018-12 landscape</u>, <u>2020-02 Centre</u>, <u>2020-02</u> <u>liveability</u>, <u>2020-05 teaching</u>
- TERN at ESA14 2014-09 ESA14
- TERN at ESA18 2018-11 ESA18
- TERN at ESA 2012 2012-12 engaging
- TERN at ESA 2021 'Renewal' 2021-10 catch
- TERN at ESAus19 2019-11 ESAus19
- TERN at ESAus20 2020-11 ESAus20
- TERN Attribution Licence 2012-10 licensing
- TERN AusCover see AusCover
- TERN AusPlots see AusPlots
- TERN Australia Soil and Herbarium Collection facility in Adelaide officially opened <u>2022-</u> <u>12 treasure</u>, <u>2022-12 update</u>
- TERN Australia's Land Observatory: addressing the global challenge of forecasting ecosystem responses to climate variability and change (review) <u>2019-08 synthesis</u>
- TERN BioImages Portal <u>2017-03 raspberry</u>
- TERN Biomass Plot Library 2016-10 drones, 2018-08 greenhouse
- TERN climate and land surface data helps identify climate refugia and map bushfires, their impacts and future hazards 2015-04 climate
- TERN data
  - assists government and industry-led sustainable grazing practices in Great Barrier Reef catchments 2021-08 TERN
  - CoreTrustSeal certification sought <u>2021-05 international</u> use in water regulation <u>2022-05 TERN</u>
  - used in space station study of global climate 2018-07 TERN
- TERN Data Discovery Portal (TDDP) <u>2012-04 focus</u>, <u>2012-12 TERN</u>, <u>2016-03 desert</u>, <u>2016-12 Miech</u>, <u>2017-03 ecosystem</u>
  - adopts Creative Commons 4.0 International suite of the licences 2016-06 discovering

data available 2012-10 discovering, 2014-06 road

ecosystem data sharing with German and Belgian organisations 2013-09 beer hosts ASN Data Base 2013-04 learners new biomass and phenocam data sets published 2022-07 biomass newest release aligned more with tools used in TERN's Data Services and Analytics Platform 2022-12 Portal provides access to ACEF datasets 2012-10 coastal released 2012-10 discovering, 2012-10 TERN technical changes to improve performance 2016-06 discovering version 5.0 update brings new features 2022-12 Portal, 2022-12 update Warra Tall Eucalypt SuperSite long-term datasets available via 2013-06 appreciating TERN data R package 2019-02 R package TERN Delivers 2014-06 TERN TERN digital soil maps the next best thing for locked-down students 2021-09 TERN **TERN** Director Director's update <u>2020-03 update</u> (as well as every issue) see also Clancy, Tim; Morris, Beryl; Phinn, Stuart TERN EcoImage platform: robust data management for ecosystem images 2020-11 ESAus20 TERN Ecosystem Processes platform 2020-04 remote TERN Ecosystem Surveillance platform 2020-04 remote future priorities 2019-04 shaping TERN ecosystem surveillance plots/sites 2017-09 sample, 2018-12 vegetation 582 plots/sites sampled by TERN, across rangelands and tall forest ecosystems 2017-03 ecosystem Cape York Peninsula 2018-09 Cape York expansion across climatic envelopes 2018-09 Cape York field trip 2019-11\_ESAus19 gap filling to determine optimal location of new monitoring plots in bioregions 2021-02 gap leaf area index data collection, TERN poll on usage 2030-03 leaf repeat monitoring, Arkaroola Wilderness Sanctuary 2018-10 surveys Tasmanian Midlands 2020-04 grass TERN adds 24 new permanent plots in NSW and Queensland 2019-07 observatory TERN-enabled research synthesis paper 2019-08 synthesis **TERN Executive Group** 2020-23 strategic plan 2020-11 update virtual strategic planning day 2020-08 update, 2020-09 update, 2020-10 update TERN Feedback Survey 2019-01 survey, 2021-06 update summary of results 2012-11 TERN, 2019-06 surveys TERN funding for biomass and carbon measurement project 2015-04 funding consequences 2015-12 vision for NERP's enhancing long-term surveillance monitoring across Australia project 2014-08 national from 2021 NRI Roadmap 2022-05 update from NCRIS 2012-12 TERN, 2014-06 TERN, 2017-05 data, 2018-01 investment, from Queensland Government's Research Infrastructure Co-investment Fund 2020-06 Queensland, 2020-06 update, 2021-05 Brisbane from Super Science Initiative 2012-12 TERN Queensland Government contributions 2012-12 TERN

through 2020 Research Infrastructure Investment Plan 2020-11 update

to replace ecosystem monitoring equipment damaged by bushfires <u>2020-08 update</u>, <u>2020-</u> <u>09 update</u>

TERN infrastructure 2012-12 TERN

burns but lives to tell the tale, Calperum Mallee SuperSite <u>2014-01 TERN</u> contributing to sustainability of north-east Victorian industries <u>2013-07 tall</u> critical for National Environmental Science Programme <u>2015-01 critical</u> data infrastructure <u>2012-10 TERN</u>, <u>2013-02 access</u>, <u>2013-06 data</u>, <u>2014-06 road</u> 'hard' and 'soft' infrastructure 2014-06 TERN

overview 2012-10 TERN

pilot project to introduce eddy covariance flux sensors into the Burdekin <u>2020-05 update</u> safeguarding Australia's critical research infrastructure <u>2014-06 safeguarding</u> supporting ecosystem science and management across the NT <u>2013-07 NATT</u> supports international 'dream team' <u>2013-08 TERN</u>

use in university undergraduate curriculum 2013-11 universities

- *see also* ÆKOS; AusCover; AusPlots; Australian Centre for Ecological Analysis and Synthesis; Australian Coastal Ecosystems Facility; Australian SuperSite Network; Australian Transect Network; Eco-informatics; eMAST; LTERN; Multi-Scale Plot Network; NCRIS; OzFlux; Soil and Landscape Grid
- TERN Mangrove Data Portal and Monitoring System <u>2018-06 mangrove</u>, <u>2019-07 share</u>, <u>2019-08 mangrove</u>
- TERN Ontology 2022-03 TERN
- TERN partnerships

difficulties of forming data partnerships 2012-10 partnerships

with FAO 2020-04 update

with NASA <u>2015-02 NASA</u>, <u>2018-07 TERN</u>, <u>2019-12 Snowy</u> with NEON 2013-02 two, 2013-08 like

TERN pillars: Biodiversity and Ecosystems; Land and Terrain; and Carbon and Water <u>2020-</u><u>08 update</u>, <u>2020-10 update</u>

TERN-Plot ontology and controlled vocabularies 2019-09 integrating

**TERN** publications

catalogued 2009-2019 2019-03 publications

*Ecosystem data for the nation: TERN's achievements 2009-2014* 2015-12 vision impact and number of 2015-12 impact

*Observing Environmental Change in Australia* (celebrating TERN's first ten years) <u>2019-</u> <u>05 observing</u>

TERN research, improves forestry policy and practice <u>2014-11 forestry</u>

TERN Science Advisory Committee 2021-11 TERN

first 2021 meeting and membership <u>2021-08 update</u> new members <u>2021-10 update</u> welcomes Jim Walker 2021-11 TERN

- TERN Science Symposium, July 2021 2021-03 update, 2021-06 Science, 2021-07 update recap and revelations 2021-07 Science
- TERN Soil & Plant Sample Library 2019-02 waxes

moved to University of Adelaide's Waite Campus 2017-09 sample

TERN Soil Data Portal 2013-07 mapping

TERN staff

changes in knowledge brokering and communications strategy 2014-06 evolution new engagement, science communication and education and training team members 2022-05 update TERN Stakeholder Survey see TERN Feedback Survey

- TERN steps up to leading role on ecology stage 2013-10 western
- TERN Suite of Licences 2012-10 licensing, 2013-06 ecosystem, 2016-06 discovering
- TERN SuperSites BioImage Portal 2016-06 smile, 2017-03 raspberry
- TERN Symposium 2013
  - carbon data improving models, research and policy 2013-02 carbon
  - The challenge of open data 2013-02 challenge
  - discussions 2013-02 challenge, 2013-02 TERN
  - opening address by Chief Scientist 2013-02 pleasure
  - plenary speakers 2013-01 your
  - preview guide 2013-01 your
  - refocus research onto insects, invertebrates and micro-organisms <u>2013-02 refocus</u> should science and scientists have a greater influence on public policy? <u>2013-01 ideas</u>
  - special session on carbon and climate variability 2012-12 special
  - TERN in ideal position to lead the world in IUCN assessment of ecosystems 2013-02TERN
  - two launches open TERN's 2013 symposium 2013-02 two
- TERN's Australian Soil Classification Map, updated 2022-03 soil
- TERN Biennial Science Symposium, July 2023 call for abstracts <u>2022-12 Science</u>, <u>2022-12</u> <u>update</u>
- TERN's capabilities are being used to increase understanding and help reduce the impact of extreme events 2015-04 capabilities
- TERN's industry and government engagement 2022-07 update, 2022-08 update
- TERN's integrated ecosystem-observing infrastructure
  - for groundwater resource studies 2017-08 Earth
  - interdependence as key to co-location of sensors and cross-site interactions and international connectedness <u>2017-08 Earth</u>
- TERN's Landscapes platform 2020-04 remote, 2021-07 all-weather
- TERN's national ecosystem data infrastructure: an overview 2012-10 TERN
- TERN's regional network, South Korea added to 2017-09 Korea
- TERN's responsible data publishing policy 2017-07 responsible, 2018-07 Tanami
- TERN's Soil and Landscape Grid of Australia see Soil and Landscape Grid of Australia
- TERN's web-based app tested by Brisbane bird watchers 2022-08 web-based
- Terrain NRM <u>2014-01 science</u>
- TerraLuma 2013-09 AusCover, 2016-10 drones
- terrestrial carbon budget modelling, Australian annual <u>2016-10 Haverd</u> terrestrial carbon sinks
  - ecosystems switch from carbon sink to source during heat waves <u>2017-01 angry</u> and increased global forest cover in dryland ecosystems <u>2017-05 forests</u>
  - temperature tipping point shifts Earth from carbon 'sink' to carbon 'source' <u>2021-03</u> <u>ecosystem</u>
- terrestrial ecosystems
  - sensitivity to drought 2017-01 global
  - three main factors controlling their function and their predicted responses to climate change <u>2021-09 control</u>
- terrestrial biosphere, temperature tipping point shifts Earth from carbon 'sink' to carbon 'source'
- terrestrial laser scanning 2019-04 shaping,
  - comparison testing, Karawatha Forest Park, Brisbane <u>2013-08 TERN</u> DWEL scanner use <u>2014-11 early</u>, <u>2014-10 echidna</u>, <u>2015-02 lasers</u>

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- TERN funded to provide aboveground biomass estimates in terrestrial ecosystems <u>2015-04</u> <u>funding</u>
- use with drones to create virtual forests at TERN sites 2018-11 forests
- use in forest ecology, meeting, London 2017-04 London
- Terrestrial Laser Scanning International Interest Group (TLSIIG) <u>2013-08 TERN</u>, <u>2017-04</u> <u>London</u>,
- Testing environmental causes of population decline in an Australian song-bird (PhD project) <u>2018-08 song-bird</u>
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- Thibaudon, Michel 2013-11 students
- Thiele, Kevin 2021-06 cost-benefit, 2022-03 TERN
- Thomann, Evelyne 2018-10 drought
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- Thompson, Sally 2021-08 students, 2022-05 CZO
- Thompson, Scott 2017-07 responsible
- Thornton, Craig 2021-08 TERN
- threatened species

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- occurrences, terrestrial and marine ecoregions, summary data <u>2022-08 streamlined</u> Threatened Species Index (TSX) 2021-09 Australians
- and citizen science orchid data through Wild Orchid Watch app <u>2022-03 citizen</u> has moved to TERN <u>2021-07 threatened</u>, <u>2021-07 update</u> project 2018-06 threatened
- to adopt TERN's new ecological data exchange standard 2022-03 TERN
- Threatened Species Recovery Hub (NESP) <u>2015-01 critical</u>, <u>2016-09 Booderee</u>, <u>2018-06</u> <u>threatened</u>, <u>2021-09 Australians</u>
- Threatened Species Scientific Committee 2015-12 vision
- threatened woodland communities, ecosystem model that improves conservation planning for woodlands <u>2021-09 ecologists</u>
- 3D-FOREST project 2018-11 forests
- Three Parks Savanna Fire Effects Plot Network <u>2017-07 Kakadu</u>, <u>2017-08 Kakadu</u> effect of extreme fires on woodland savannas <u>2013-05 collaborative</u> effects of management-imposed fire regimes <u>2014-03 long-term</u> five-yearly survey of vegetation and fauna <u>2013-05 collaborative</u> monitoring program <u>2012-07 standardising</u>, <u>2015-04 ecologically</u> *see also* Kakadu National Park; Litchfield National Park; Nitmiluk National Park thunderstorm asthma 2013-03 greater

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- Ti Tree East Ozflux site 2019-12 sink, 2020-09 Alice
- Time is honey: Predicting future honey harvests using remote sensing and weather data 2020-07 honey

Timor, payments for environmental services to Indigenous peoples 2012-12 Indigenous Tinaroo Environmental Education Centre (TEEC), FNQ, ClimateWatch trails 2016-03 Furlaud Tjoelker, Mark 2019-07 Hawkesbury Tjuntjuntjara Rangers 2014-09 collaboration Today's data problems become tomorrow's worldwide research platform 2012-05 today Tokmakoff, Andrew 2014-12 practical, 2015-03 AuScribe, 2015-06 cyanobacteria, 2019-06 training Toomes, Adam 2019-06 training Top End conference on environmental change in Asia-Pacific 2018-08 Top End ecologically appropriate and economically viable fire management 2015-04 ecologically fire severity maps 2017-02 Edwards fire-prone, management 2017-07 Kakadu, 2017-08 Kakadu fire-scar mapping 2014-07 Jacklyn NASA land mapping, with an eye to agriculture 2013-07 mapping Top 3 things that control ecosystem behaviour revealed 2021-09 control Torok, Simon 2019-05 observing total solar eclipse, acoustic sensors to measure bird dawn chorus during, FNQ Rainforest SuperSite 2012-10 eclipsed A tour of TERN's Snowy Mountains research SuperSite 2019-12 Snowy Tour TERN's outback monitoring SuperSite 2022-08 tour Tour TERN's rainforest monitoring SuperSite 2021-11 tour Tourists volunteer time and passion for Daintree science effort 2012-08 tourists Towards a global ecosystem observatory 2016-03 global, 2017-10 observatory Towsey, Michael 2012-10 eclipsed Tozer, Mark 2012-09 understanding Tracking the transformation of vegetated landscapes 2012-08 tracking Train with us! 2019-02 train training and education ANU undergraduates field studies at Booderee National Park 2014-09 Gibbons ecoEd 2017-06 ecoEd, 2019-01 ecoEd, 2019-06 recognition practical training in plot-based ecological monitoring in rangeland ecosystems 2014-12 practical, 2019-02 train, 2019-06 training SuperSites support training opportunities for next generation of ecosystem scientists 2014-09 nation-wide Surveillance Method Training 2019-04 shaping Transect for Environmental Monitoring and Decision Making (TREND) 2014-02 wake-up, 2016-09 biodiversity, 2017-09 sample changing climate-change science into policy 2013-02 carbon Citizen Science App featured on Channel Ten's 'Scope: Science TV for Kids' 2016-06 TV photos of controlled burns, Cleland Conservation Park, Adelaide 2013-11 smile citizen science program 2013-04 students delivers science for land-use planning 2012-08 TREND flowering time shift and changing climate 2012-09 plants higher education scholarships granted to students to work on 2013-04 developing mobile phone app for use by citizens 2012-10 ecology raises community awareness at Earth Station festival, Adelaide 2011-11 science TERN field team revisiting and resampling sites in South Australia 2018-09 Cape York,

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vision praised at launch 2012-05 TREND

website launched at LTERN Adelaide office 2011-10 science

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The treasures of the south-west sandplains now revealed <u>2015-02 treasures</u> trees

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Treetop to bedrock: understanding resilience of Australia's Critical Zone to human impact 2019-07 treetop

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Tripovich, Joy 2019-01 virtual

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tropical monsoons, and Australian fire patterns 2012-11 Australian

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Tropical Rainforest Plot Network 2014-01 science, 2014-03 long-term

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Trusted Information Sharing Network (TISN) groups 2014-06 safeguarding

TRY plant trait database, open access to 2013-09 beer

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Tumbarumba OzFlux station

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Big Earth Data support 2030 SDG Agenda 2019-07 share

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Goal 15 - Life on Land 2018-06 mangrove

'Kyoto Statement' on Asia-Pacific actions 2018-11 Kyoto

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TERN Mangrove Portal assisting policy development <u>2019-07 share</u>, <u>2019-08 mangrove</u> United Nations University <u>2012-05 new</u>, <u>2012-12 Indigenous</u>

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University of Tasmania

ARC Industrial Transformation Training Centre for Forest Value <u>2020-08 training</u> ecosystem monitoring using drones - a survey <u>2019-10 drones</u>

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University of Technology, Sydney

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University of the Sunshine Coast

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University of Wyoming, Biodiversity Institute, launches the Global Vegetation Project <u>2021-</u> <u>04 putting</u>

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Unmanned Aircraft Systems for Remote Sensing (UAS4RS) conference, 3rd annual <u>2017-06</u> <u>pictures</u>

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Video shows you how to drive the ÆKOS data portal 2011-11 video

Vietnam, Asia-Pacific Biodiversity Observation Network (AP-BON) meeting, 2017 <u>2017-10</u> <u>observatory</u>

VIIRS workshops on new remote-sensing software 2011-11 VIIRS

Vincent Family Fairfax Foundation 2017-04 farms

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Virtual desktop supercharges big data analyses 2019-01 virtual

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Visible and Infrared Imaging Radiometer Suite (VIIRS) satellite-mounted sensing workshops 2011-11 VIIRS, 2011-12 workshop, 2012-03 workshops

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Visualising floods to strengthen understanding and resilience <u>2013-09 visualising</u> VITO, Belgium 2013-09 beer

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WA Scientist of the Year has TERN link 2012-02 Hobbs

Wahome, Anastasia 2019-12 systems

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ARC project promoting bush foods for long-lasting Indigenous businesses <u>2021-11 TERN</u> Indigenous advocacy <u>2021-11 TERN</u>

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Wallaby Creek OzFlux tower site, Kinglake National Park, Vic., flux tower replaced following 2009 bushfire 2013-07 tall

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Ward, Ben 2014-10 measuring

- Wardlaw, Tim <u>2012-08 research</u>, <u>2013-02 TERN</u>, <u>2013-04 learners</u>, <u>2013-06 appreciating</u>, <u>2014-11 forestry</u>, <u>2015-01 Pisek</u>, <u>2017-05 sound</u>, <u>2019-03 learning</u>, <u>2019-12 essential</u>, <u>2021-04 Warra</u>
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as Chair, Ecosystem Science Council 2015-12 Council, 2018-12 long-term

- Warlpiri Women Rangers, collect data for Tanami Regional Biodiversity Monitoring project 2018-07 Tanami
- Warra Tall Eucalypt SuperSite, Tas. 2021-04 Warra
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- collaboration with Tahune Airwalk to incorporate science into Bluestone Shelter <u>2019-12</u> <u>essential</u>
- CosmOz sensor installation 2020-02 cosmic
- crown scorching and understorey destruction following fire 2019-03 learning
- *Eucalyptus obliqua* canopy and understory mix of wet sclerophyll and rainforest species 2021-04 Warra
- fire impact on the site and monitoring infrastructure January 2019 2021-04 Warra
- how harvesting methods meet social, ecological and silvicultural objectives <u>2014-11</u> <u>forestry</u>
- landscape approach to biodiversity management in temperate forests 2019-08 Yee
- lasers, drones and planes to scan, measure and document the state of the forest 2015-02 lasers
- new forestry harvesting practices that help protect native fauna <u>2012-12 MSPN</u> open-access data <u>2013-06 appreciating</u>
- plant functional traits 2018-09 data
- post-fire data on forest fuel loads 2016-03 Furlaud
- post-fire research to assess fire impacts and ecosystem recovery <u>2019-12 essential</u> research and activities <u>2011-12 SuperSite</u>
- research improves forestry policy 2012-08 research
- research project with Forest Education Foundation 2013-04 learners
- species return to eucalypt forests following harvesting 2013-02 TERN
- tea bag monitoring 2016-11 tea
- vegetation clumping measurement 2015-01 Pisek
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- wood block decomposition 12-month mass loss assessment <u>2019-04 TERN data</u> A watchful eye on Australia's fires <u>2014-01 watchful</u>
- water balance modelling and understanding of ecosystem water requirements, using accurate AET estimates for the entire Australian continent 2021-08 actual, 2021-08 update
- water budgets, irrigated and non-irrigated lucerne, NZ <u>2020-11 Ashley</u> water conservation and drought <u>2021-11 ANU</u>
- water data, Perth, student-built interactive data visualisation website <u>2021-08 students</u> water dataset <u>2021-08 quantify</u>
- water flow and distribution, effect of roads and linear infrastructure <u>2019-02 Raiter</u> water in our ecosystems [webinar] <u>2021-12 looking</u>
- water quality monitoring, urbanised catchments <u>2012-08 water</u>
- water regulation, TERN data use 2022-05 TERN

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