



TERN AEKOS Scientific Papers and Data Citations

Updated June 2017

Year	Scientific Paper Citations Referencing TERN AEKOS	Citation Type
2017	Bastin, J.-F., N. Berrahmouni, A. Grainger, D. Maniatis, D. Mollicone, R. Moore, C. Patriarca, N. Picard, B. Sparrow, E. M. Abraham, K. Aloui, A. Atesoglu, F. Attore, Ç. Bassüllü, A. Bey, M. Garzuglia, L. G. García-Montero, N. Groot, G. Guerin, L. Laestadius, A. J. Lowe, B. Mamane, G. Marchi, P. Patterson, M. Rezende, S. Ricci, I. Salcedo, A. S.-P. Diaz, F. Stolle, V. Surappaeva, and R. Castro. 2017. The extent of forest in dryland biomes. <i>Science</i> 356 :635-638.	Data reuse
	Deane, D. C., D. A. Fordham, F. He, and C. J. A. Bradshaw. 2017. Future extinction risk of wetland plants is higher from individual patch loss than total area reduction. <i>Biological Conservation</i> 209 :27-33.	Data archiving
	Gibson, N., S. Prober, R. Meissner, and S. van Leeuwen. 2017. Implications of high species turnover on the south-western Australian sandplains. <i>PLoS ONE</i> 12 :e0172977.	Data reuse
	Guerin, G. R., B. Sparrow, A. Tokmakoff, A. Smyth, E. Leitch, Z. Baruch, and A. J. Lowe. 2017. Opportunities for Integrated Ecological Analysis across Inland Australia with Standardised Data from Ausplots Rangelands. <i>PLoS ONE</i> 12 :e0170137.	Data archiving, Data reuse
2016	Baruch, Z., M. J. Christmas, M. F. Breed, G. R. Guerin, S. Caddy-Retalic, J. McDonald, D. I. Jardine, E. Leitch, N. Gellie, K. Hill, K. McCallum, and A. J. Lowe. 2016. Leaf trait associations with environmental variation in the wide-ranging shrub <i>Dodonaea viscosa</i> subsp. <i>angustissima</i> (Sapindaceae). <i>Austral Ecology</i> :n/a-n/a.	Data archiving, Data reuse
	Block, Sebastián, Frédérik Saltré, Marta Rodríguez-Rey, Damien A. Fordham, Ingmar Unkel, and Corey J. A. Bradshaw. 2016. "Where to Dig for Fossils: Combining Climate-Envelope, Taphonomy and Discovery Models." <i>PLoS ONE</i> 11 (3):e0151090. http://doi.org/10.1371/journal.pone.0151090 .	Data archiving

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	Gellie, N. J. C., M. F. Breed, N. Thurgate, S. A. Kennedy, and A. J. Lowe. 2016. Local maladaptation in a foundation tree species: Implications for restoration. <i>Biological Conservation</i> 203 :226-232.	Data archiving
	Guerin, Greg R., Ed Biffin, Zdravko Baruch, and Andrew J. Lowe. 2016. "Identifying Centres of Plant Biodiversity in South Australia." <i>PLoS ONE</i> 11 (1):e0144779. http://doi.org/10.1371/journal.pone.0144779 .	Data archiving, Data reuse
	Karan, M., M. Liddell, S. M. Prober, S. Arndt, J. Beringer, M. Boer, J. Cleverly, D. Eamus, P. Grace, E. Van Gorsel, J.-M. Hero, L. Hutley, C. Macfarlane, D. Metcalfe, W. Meyer, E. Pendall, A. Sebastian, and T. Wardlaw. 2016. The Australian SuperSite Network: A continental, long-term terrestrial ecosystem observatory. <i>Science of The Total Environment</i> 568 :1263-1274.	Data Infrastructure
	Saltre, Frederik, Marta Rodriguez-Rey, Barry W. Brook, Christopher N. Johnson, Chris S. M. Turney, John Alroy, Alan Cooper, Nicholas Beeton, Michael I. Bird, Damien A. Fordham, Richard Gillespie, Salvador Herrando-Perez, Zenobia Jacobs, Gifford H. Miller, David Nogues-Bravo, Gavin J. Prideaux, Richard G. Roberts, and Corey J. A. Bradshaw. 2016. "Climate change not to blame for late Quaternary megafauna extinctions in Australia." <i>Nat Commun</i> 7. http://doi.org/10.1038/ncomms10511 .	Data archiving
	Sniderman, J. M. Kale, Jon D. Woodhead, John Hellstrom, Gregory J. Jordan, Russell N. Drysdale, Jonathan J. Tyler, and Nicholas Porch. 2016. "Pliocene reversal of late Neogene aridification." <i>Proceedings of the National Academy of Sciences</i> 113 (8):1999-2004. http://doi.org/10.1073/pnas.1520188113 .	Data reuse
	Tokmakoff, Andrew, Ben Sparrow, David Turner, and Andrew Lowe. 2016. "AusPlots Rangelands field data collection and publication: Infrastructure for ecological monitoring." <i>Future Generation Computer Systems</i> 56:537-549. doi: http://dx.doi.org/10.1016/j.future.2015.08.016 .	Data infrastructure
	Zemunik, Graham, Benjamin L. Turner, Hans Lambers, and Etienne Laliberté. 2016. "Increasing plant species diversity and extreme species turnover accompany declining soil fertility along a long-term chronosequence in a biodiversity hotspot." <i>Journal of Ecology</i> 104 (3):792-805. http://doi.org/10.1111/1365-2745.12546 .	Data archiving
2015	Ahn, S., T. Huh, and J. Jang. 2015. "Conceptual design of a data repository for the Korea LTER community." <i>Advanced Science and Technology Letters</i> 117:30-33. doi: http://dx.doi.org/10.14257/astl.2015.117.07 .	Data infrastructure

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	Ahn, S., and S. Jang. 2015. "A Trend of Long-term Ecological Research Platform Technology." <i>Advanced Science and Technology Letters</i> 85:29=32. doi: http://dx.doi.org/10.14257/astl.2015.85.07 .	Data infrastructure
	Andersen, Alan N., Israel Del Toro, and Catherine L. Parr. 2015. "Savanna ant species richness is maintained along a bioclimatic gradient of increasing latitude and decreasing rainfall in northern Australia." <i>Journal of Biogeography</i> 42 (12):2313-2322. http://doi.org/10.1111/jbi.12599 .	Data archiving
	Berry, L. E., D. B. Lindenmayer, and D. A. Driscoll. 2015. "Large unburnt areas, not small unburnt patches, are needed to conserve avian diversity in fire-prone landscapes." <i>Journal of Applied Ecology</i> 52 (2):486-495. http://doi.org/10.1111/1365-2664.12387 .	Data archiving
	Guerin, G. R., L. Ruokolainen, and A. J. Lowe. 2015. "A georeferenced implementation of weighted endemism." <i>Methods in Ecology and Evolution</i> 6 (7):845-852. http://doi.org/10.1111/2041-210x.12361 .	Data archiving, Data reuse
	Guerin, Greg R., and Andrew J. Lowe. 2015. "Mapping phylogenetic endemism in R using georeferenced branch extents." <i>SoftwareX</i> 3–4:22-26. http://dx.doi.org/10.1016/j.softx.2015.10.002 .	Data archiving, Data reuse
	Krüger, Manuela, François P. Teste, Etienne Laliberté, Hans Lambers, Megan Coghlan, Graham Zemunik, and Michael Bunce. 2015. "The rise and fall of arbuscular mycorrhizal fungal diversity during ecosystem retrogression." <i>Molecular Ecology</i> 24 (19):4912-4930. http://doi.org/10.1111/mec.13363 .	Data archiving
	Leitch, E., R. Flitton, B Sparrow, I. Fox, S Caddy-Retalic, and A. J. Lowe. 2015. "AusPlots: Four years of rangelands surveillance". https://www.researchgate.net/profile/Ben_Sparrow/publication/272493468_AusPlots_Four_years_of_rangelands_surveillance/links/54e66a7f0cf277664ff55c50.pdf	Data archiving, Data reuse
	Paul, Keryn I., Stephen H. Roxburgh, Jerome Chave, Jacqueline R. England, Ayalsew Zerihun, Alison Specht, Tom Lewis, Lauren T. Bennett, Thomas G. Baker, Mark A. Adams, Dan Huxtable, Kelvin D. Montagu, Daniel S. Falster, Mike Feller, Stan Sochacki, Peter Ritson, Gary Bastin, John Bartle, Dan Wildy, Trevor Hobbs, John Larmour, Rob Waterworth, Hugh T. L. Stewart, Justin Jonson, David I. Forrester, Grahame Applegate, Daniel Mendham, Matt Bradford, Anthony O'Grady, Daryl Green, Rob Sudmeyer, Stan J. Rance, John Turner, Craig Barton, Elizabeth H. Wenk, Tim Grove, Peter M. Attiwill, Elizabeth Pinkard, Don Butler, Kim Brooksbank, Beren Spencer, Peter Snowdon, Nick O'Brien, Michael Battaglia, David M. Cameron, Steve Hamilton, Geoff McAuthur, and Jenny Sinclair. 2015. "Testing the	Data archiving

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	<p>generality of above-ground biomass allometry across plant functional types at the continent scale." <i>Global Change Biology</i> 22(6):2106-2124. http://doi.org/10.1111/gcb.13201.</p> <p>Salguero-Gómez, R., Jones, O. R., Archer, C. R., Buckley, Y. M., Che-Castaldo, J., Caswell, H., Hodgson, D., Scheuerlein, A., Conde, D. A., Brinks, E., de Buhr, H., Farack, C., Gottschalk, F., Hartmann, A., Henning, A., Hoppe, G., Römer, G., Runge, J., Ruoff, T., Wille, J., Zeh, S., Davison, R., Vieregg, D., Baudisch, A., Altwegg, R., Colchero, F., Dong, M., de Kroon, H., Lebreton, J.-D., Metcalf, C. J. E., Neel, M. M., Parker, I. M., Takada, T., Valverde, T., Vélez-Espino, L. A., Wardle, G. M., Franco, M. & Vaupel, J. W. (2015) The compadrePlant Matrix Database: an open online repository for plant demography. <i>Journal of Ecology</i>, 103, 202-218. http://doi.org/10.1111/1365-2745.</p> <p>Wood, Sam W., Lynda D. Prior, Helen C. Stephens, and David M. J. S. Bowman. 2015. "Macroecology of Australian Tall Eucalypt Forests: Baseline Data from a Continental-Scale Permanent Plot Network." <i>PLoS ONE</i> 10 (9):e0137811. http://doi.org/10.1371/journal.pone.0137811.</p>	<p>Data infrastructure</p> <p>Data archiving</p>
2014	<p>Bradshaw, Corey J. A., and Barry W. Brook. 2014. "Human population reduction is not a quick fix for environmental problems." <i>Proceedings of the National Academy of Sciences</i> 111 (46):16610-16615. http://doi.org/10.1073/pnas.1410465111</p> <p>Cowley, R. A., M. H. Hearnden, K. E. Joyce, M. Tovar-Valencia, T. M. Cowley, C. L. Pettit, and R. M. Dyer. 2014. "How hot? How often? Getting the fire frequency and timing right for optimal management of woody cover and pasture composition in northern Australian grazed tropical savannas. Kidman Springs Fire Experiment 1993-2013." <i>Rangeland Journal</i> 36 (4):323-345. http://doi.org/10.1071/Rj14030.</p> <p>Frank, A. S. K., C. N. Johnson, J. M. Potts, A. Fisher, M. J. Lawes, J. C. Z. Woinarski, K. Tuft, I. J. Radford, I. J. Gordon, M. A. Collis, and S. Legge. 2014. "Experimental evidence that feral cats cause local extirpation of small mammals in Australia's tropical savannas." <i>Journal of Applied Ecology</i> 51 (6):1486-1493. http://doi.org/10.1111/1365-2664.12323.</p> <p>Rickards, J., J. Stewart, R. McPhee, and L. Randall. 2014. "Australian ground cover reference sites database 2014: User guide for PostGIS". ABARES, Canberra.</p> <p>Smyth, Anita K., Elizabeth Smee, Stephanie S. Godfrey, Mathew Crowther, and David Phalen. 2014. "The use of body condition and haematology to detect widespread threatening processes in sleepy lizards</p>	<p>Data archiving</p> <p>Data archiving</p> <p>Data archiving</p> <p>Data infrastructure, Data archiving</p> <p>Data archiving</p>

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	<p>(<i>Tiliqua rugosa</i>) in two agricultural environments." <i>Royal Society Open Science</i> 1 (4). http://doi.org/10.1098/rsos.140257</p>	
	<p>Tokmakoff, A., B. Sparrow, D. Turner, and A. Lowe. 2014. "AusPlots Rangelands Field Data Collection and Publication: Infrastructure for Ecological Monitoring." e-Science (e-Science), 2014 IEEE 10th International Conference on, 20-24 Oct. 2014.</p>	Data infrastructure
2013	<p>Guru, S., Shen Xiaobin, C. Love, A. Treloar, S. Phinn, R. Wilkinson, C. Brady, P. Isaac, and T. Clancy. 2013. "Sharing Australia's Nationally Significant Terrestrial Ecosystem Data: A Collaboration between TERN and ANDS." eScience (eScience), 2013 IEEE 9th International Conference on, 22-25 Oct. 2013. http://doi.org/10.1109/eScience.2014.55.</p>	Data infrastructure