

Great Western Woodland Supersite

Affiliated projects summary

Date: August 2013
Project title: Terrestrial Ecosystem Research Network Acoustic Sensing
Abstract: Acoustic sensors are being deployed at two sites (Salmon Gum and Gimlet) in the Great Western Woodlands to monitor vocal biodiversity such as birds, frogs and insects. Acoustic sensor recordings provide an indelible record of the environment and can be used to monitor changes in biodiversity over large spatial and temporal scales. In the Great Western Woodlands, acoustic sensors provide a unique biodiversity monitoring capability given the remoteness and ecological value of the sites. The monitoring protocols employed at the Great Western Woodlands Supersite are consistent with other sites across the network, so will also contribute to a comparable national dataset. Expected project timeframe: 5 years
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Associated parties/collaborators (others involved in the project) Name: Professor Peter Grace Organisation: Institute for Future Environments, Queensland University of Technology Address: Level 7, P Block, Gardens Point Campus, Brisbane Australia Phone: Email: pr.grace@qut.edu.au (add more as required)
Research Project (if part of a larger umbrella research project) Title: Terrestrial Ecosystem Research Network (TERN) Supersite Network Other contacts: Suzanne Prober, CSIRO Ecosystem Sciences, Suzanne.Prober@csiro.au
Funding sources: TERN was created in 2009 by the Department of Innovation, Industry, Science and Research (DIISR) via a \$20m funding program through the National Collaborative Research Infrastructure Strategy (NCRIS) and \$4.1m from the Queensland State Government. An additional \$25.63m was provided to TERN in 2011 as part of an additional funding allocation from the Australian Government under the Education Investment Fund (EIF) Super Science Initiative. Further funding and in-kind contributions have been received from numerous other partners.
Geographic coverage of study: Gimlet and Salmon Gum