Title: EcoAssets: delivering data to improve reporting on Australia’s environment

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Australian research organisations collect large amounts of environmental data each year, but datasets are seldom integrated across infrastructures, or provided at a scale or in a format suitable for environmental reporting at national or state and territory levels. EcoAssets brings together environmental data collected from three national research infrastructures, the Atlas of Living Australia (ALA), Integrated Marine Observing System (IMOS), and Terrestrial Ecosystem Research Network (TERN), with the aim of streamlining access to integrated data. This collaborative project is ensuring open access to comparable, time-series datasets for key measures of the state of Australia’s environment and biodiversity by addressing differences in terminologies and vocabularies among datasets, and standardising the formats of data resources. This enables the data collected by research infrastructures to support Australia’s environmental reporting needs, such as the State of the Environment report. Here, we provide an overview of the time-series datasets available through EcoAssets and discuss how they could be used by researchers and government decision-makers for evidence-based policy, such as approaches to conservation planning.