

More than:

 **1000** ecosystem observing sites

 **50** national and international partners

 **2100** peer-reviewed papers using TERN data

 **2700** open datasets

 **100** year continuity for some datasets

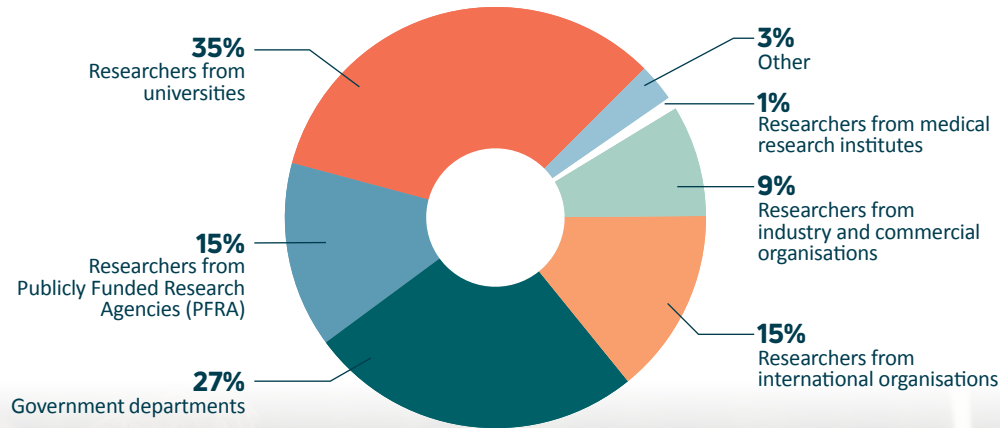
 **150,000** environmental samples

 **6000** unique users/year



 TERN is recommended by *Nature* for ecology data. See *Nature* recommended repositories.

 A member of the Global Ecosystem Research Infrastructure (GERI)

TERN Data Users



Contact TERN

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Data-related Enquiries

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Ecosystem Research Infrastructure Australia

TERN provides world class research infrastructure to monitor and understand changes to our environment and climate and enable predictions of future risk. It works across 3 key themes:



Biodiversity

Observing biodiversity from gene to ecosystem levels, monitoring patterns of change and the drivers of change.

The national scope of TERN's activities, our networks of scientists and technical staff, and our focus on sharing and synthesising data are enabling the development of a continental-scale understanding of what is happening to Australia's biodiversity to enable effective stewardship.



Carbon and Water

Monitoring the interaction between ecosystems and climate including the exchange of carbon, water and energy and responses to extreme events.

TERN's data collection infrastructure and end-user-focused products are delivering better ways of measuring and understanding Australia's current and future environmental carbon and water stocks and flows as we move towards net zero and beyond.



Land and Terrain

Tracking key processes such as natural hazards, land use, and climate change; and monitoring soils and vegetation to build a better national picture of our major ecosystems.

TERN enables Australia to progress towards sustainability on a continental scale, allowing agriculture, industry and consultants, government agencies and the ecosystem science community to work across jurisdictional boundaries, measure and monitor change, and manage our ecosystem assets.



