

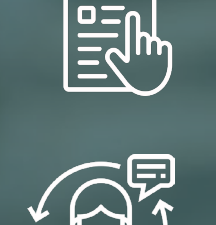


Standardising ecological monitoring and data systems using the **Ecological Monitoring System Australia - EMSA**

Developed by TERN for the Australian Government

EMSA will enable natural resource managers and ecologists to collect, manage and deliver quality, repeatable data for decision making.

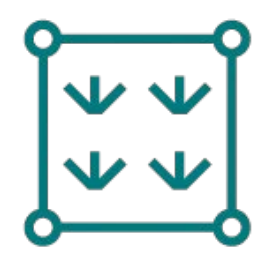





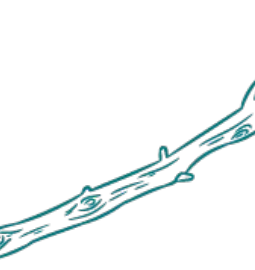










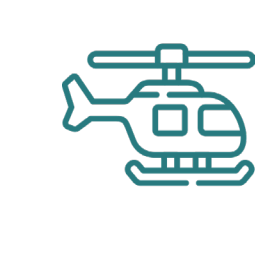
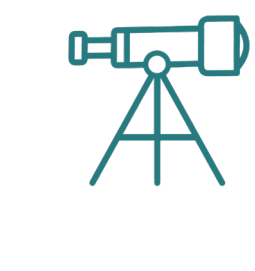



-  24+ modules
-  Field data collection app
-  Instruction manuals
-  Training and support
-  Standardised vocabulary using the new Australian Biodiversity Information Standards
-  Delivery to the DCCEEW Biodiversity Data Repository

The EMSA will:

-  Establish best practice monitoring protocols, targeted to specific project needs
-  Improve the understanding and measurement of the effectiveness of NRM actions
-  Strengthen the evidence used to assess the achievement of outcomes
-  Facilitate better access to, and re-use of ecological survey data for adaptive management, research and policy



-  Plot Selection and Layout
-  Plot Description
-  Soils
-  Photopoints
-  Vegetation Mapping
-  Floristics
-  Plant Tissue Vouchering
-  Cover
-  Basal Area
-  Coarse Woody Debris
-  Fire Severity
-  Condition
-  Recruitment
-  Vertebrate Fauna
-  Camera Trapping
-  Invertebrate Fauna
-  Targeted Surveys
-  Opportune
-  Interventions
-  Fauna Aerial Surveys
-  Fauna Ground Counts
-  Sign-based Fauna Surveys
-  Herbivory and Physical Damage
-  Pest Fauna Control Activities

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 Australian Government
 Department of Climate Change, Energy,
 the Environment and Water

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 Ecosystem Research Infrastructure

 **NCRIS**
 National Research Infrastructure for Australia
 An Australian Government Initiative

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