

Threatened Species Monitoring Portal

User Friendly Data Uploading

Using the portals import features, users have the ability to easily add and edit records of animals from anywhere with Internet access. The import features allow users to add hundreds of records at a time with our bulk import system, or to add or edit records individually through user friendly, dynamic import wizards.

Flexible Data Storage

Data on any species of animal can be stored within the portal's database. With our dataset system, each set of data can be customised with specialized fields and different levels of user access. Our input and query systems will also dynamically adjust to the set of data the user is accessing. This allows users to store and access all their data through a single system.

Query Builder

Explore Your Data

Users have the power to build and execute complex queries easily with our Query Builder system. They also has the ability to quickly search for and produce reports on individual animals. For those who wish to conduct further analysis on data, we have included the ability to export data in formats accepted by programs such as MatLab, R or Excel.

What is the Threatened Species Monitoring Portal?

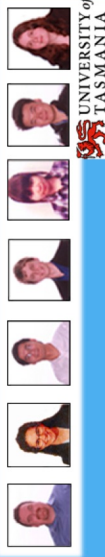
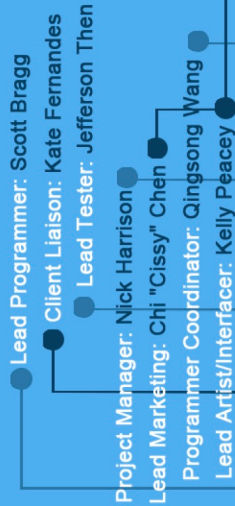
The Threatened Species Monitoring Portal is a data portal for storing records and population monitoring data of threatened and endangered species. It provides a simple but powerful interface for importing, exporting and exploring collected data. It allows multiple user access from anywhere with internet access. It was developed as a joint project between the University of Tasmania's School of Computing and Information Systems and the Tasmanian Department of Primary Industry, Parks, Water and Environment.

Project Objective

The desired outcome was to replace the existing offline systems with a flexible, remote access data portal to provide a platform for scientists, researchers and conservationists to monitor the status of Tasmania's threatened and endangered animal species. It was envisaged that the portal would allow for greater research into Tasmania's threatened and endangered species by enabling collaborative research and study from scientists all around the globe. The portal would also provide time and cost benefits by way of improved record management, data collection and interrogation processes.



Team Albatross Members



UNIVERSITY of TASMANIA



Rachael Alderman
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Our client works for the Threatened Species and Marine Section of the State Government which is responsible for conserving Tasmania's threatened. Albatross and Giant Petrel populations, including those breeding on sub-Antarctic Macquarie Island.



THE TOOLS: