



## Knowledge and Information – current and emerging tools in NRM

A forum presented by NRM North together with the  
Department of Primary Industries, Parks, Water and Environment

When: 9<sup>th</sup> September Where: QVMAG Building, Invermay Rd, Inveresk

Please RSVP by 5th September to [admin@nrmnorth.org.au](mailto:admin@nrmnorth.org.au) or 63 337777

NRM North's local government forum series supports local government and natural resource management practitioners by providing opportunities to link with people, resources and information on burning issues in natural resource management. This forum series is presented by NRM North as part of our role in facilitating the implementation of the Natural Resource Management Strategy for Northern Tasmania.

- 9.30am Arrival and morning tea
- 10:00am Introduction – Andrew Baldwin, Knowledge Manager, NRM North
- 10:05am Welcome – James McKee, Chief Executive Officer; NRM North
- 10:15am Land resource information - Rhys Stickler Section Leader - Sustainable Landuse & Information Management
- 10:45am TASVEG 3.0 – what's new and where can you get it? Anne Kitchener, TVMMP Coordinator and Lindsay Mitchell, Spatial Analyst (Geoinformatics); DPIPWE
- 11.15am Natural Values Atlas - Naomi Lawrence, NVA Coordinator; DPIPWE
- 11.45am CFEV- What is it and what do with do with it? - Danielle Hardie, Program Manager (CFEV), Water Unit, DPIPWE
- 12:15pm **Lunch (provided)**
- 12.45pm Tamar Estuary Esk Rivers - decision support tool – Rebecca Kelly, Director isNRM Pty Ltd Environmental Services
- 1:15pm The LIST and LISTmap - Leigh Fannon, Senior Client Services Officer (Geodata Services); DPIPWE
- 1.45pm Shaun Thurstans: Tasmanian Aboriginal Centre. Creating customised field data-collection apps for phones and tablets, primarily using cybertracker software.
- 2.00pm Conservation Information Systems and Tasmanian Terrestrial Report Card - Felicity Faulkner, Spatial Analyst; DPIPWE
- 2.30pm **Afternoon Tea**
- 2.45pm What's really important for threatened species? - Clare Hawkins, Senior Zoologist (Threatened Species); DPIPWE
- 3.15pm General wrap up and feedback on today's forum -
- 3.30 Close

## Knowledge and Information – Current and Emerging tools Natural Resource Management

### Land Resource Information

Rhys will provide an overview of available soils and landscape information to support sustainable management decisions that are available through DPIPWE's Land Conservation Branch. Topics include; Acid Sulfate Soils, Digital Soil Mapping and Salinity.

### TASVEG 3.0 – what's new and where can you get it?

Anne Kitchener will provide an update on the Tasmanian Vegetation Monitoring and Mapping Program's TASVEG database covering what is new in TASVEG 3.0 and Edition 2 of the technical manual *From Forest to Fjaeldmark*, and how to access information and advice. Lindsay Mitchell will give an overview of how TASVEG data is managed and provide information on how users can obtain and update the most recent (in production) mapping. Lindsay will talk briefly about DPIPWE's ideas for future planning, including an error notifications service.

### Natural Values Atlas

Naomi Lawrence will provide an overview of the Natural Values Atlas database covering updated content, functionality and look of this tool and will demonstrate how you can generate and interpret Natural Values Reports and customise your information searches. Naomi will talk briefly about DPIPWE's ideas for additional data/functionality and provide information about their call-for-projects process and how you can contact the NVA for assistance.

### CFEV – What it is and what to do with it?

Danielle Hardie will provide an overview of the Conservation of Freshwater Ecosystem Values (CFEV) database and the update on the database that is currently underway. CFEV is a comprehensive inventory and prioritisation of mapped data describing Tasmania's freshwater-dependent ecosystems. Since its first release in 2005, it has been used to support professionals make important water and natural resource management decisions. It provides conservation assessments for all rivers, lakes and waterbodies, wetlands, estuaries, saltmarshes and karst within the state. The CFEV Database provides access to conservation evaluations for freshwater dependent ecosystems through three CFEV assessment components as well as the underlying data sets from which these have been formulated.

### Tamar Estuary Esk Rivers –Decision Making Tool

Rebecca Kelly will present an overview of the Decision Support tool being developed for the Tamar Estuary and contributing catchments. The DSS will enable user to explore scenarios and management options and their relative effectiveness for contributing to water quality and river health improvements.

### The LIST and LISTmap

Leigh Fannon will provide an update on recent changes to functionality in the LIST and LISTmap including how to display layers and on how to create your favourite layer view and share these via bookmarks. We will also explore how you can create your own personalised map using the inbuilt mark-up tools as well as ways to display external data within LISTmap. We will also look at where to find metadata in the new Data and Services Directory and where to find help.

### Mapping in the Field

Shaun Thurstans: Tasmanian Aboriginal Centre. Creating customised field data-collection apps for phones and tablets, primarily using cybertracker software.

### Conservation Information Systems and Tasmanian Terrestrial Report Card

The Conservation Information System (CIS) is a tool that provides ready access to data that assists with conservation planning at the landscape scale via a tab in the NVA. Felicity Faulkner will provide an update on new layers added to the tool and in progress, and introduce the (draft) Tasmanian Terrestrial Report Card. The Report Card, produced by the Sustainable Landscapes Branch, will provide information at the State, bioregional and local government levels on the reservation levels of various aspects of terrestrial biodiversity. The information will help planners, land managers and other decision makers to prioritise conservation activities. Felicity will also demonstrate where to access some other conservation tools published on the DPIPWE website.

### What's *really* important for threatened species?

Clare Hawkins will discuss sources of information on threatened species' needs, both for those seeking to minimise impacts of planned activities, and those wanting to carry out active conservation work. She will be inviting feedback on ways to ensure that the required information is delivered as effectively as possible.