NCCARF – Terrestrial Biodiversity Network

What do we do?

Yvette Williams – Network Coordinator
Network Activities

• Communication
• Noticeboard
• Must reads and grey literature
• Research support
• Events
Network Membership

>900 members
  • Doubled in 2010
  • Particularly in government & other stakeholder groups
  • Lower uptake (TAS, NT, ACT)

Expanded via:
  • invitation letter
  • brochure
  • promotion at conferences
  • Roadshow
  • Word of mouth

<table>
<thead>
<tr>
<th>Institution</th>
<th>Number of members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>369</td>
</tr>
<tr>
<td>Government</td>
<td></td>
</tr>
<tr>
<td>- Federal</td>
<td>39</td>
</tr>
<tr>
<td>- State</td>
<td>191</td>
</tr>
<tr>
<td>- Local</td>
<td>93</td>
</tr>
<tr>
<td>Community (NGOs)</td>
<td>52</td>
</tr>
<tr>
<td>Industry/Private sector</td>
<td>13</td>
</tr>
<tr>
<td>Other</td>
<td>68</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>825</strong></td>
</tr>
</tbody>
</table>
Communication:

Website

- Network Structure
- Priorities and Goals
- Funding
- Downloadable resources
- Roadshow
- Noticeboard
- Registration
### Terrestrial Biodiversity Noticeboard

Please advertise or browse through project and funding opportunities relating to climate change and terrestrial biodiversity below. There are specific boards for student projects, research funding, collaborative opportunities and employment.

<table>
<thead>
<tr>
<th>Forum</th>
<th>Topics</th>
<th>Replies</th>
<th>Last Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome to the NCCARF Terrestrial Biodiversity Network</td>
<td>1</td>
<td>0</td>
<td>Welcome to Kunena! 09/22/2009 17:07</td>
</tr>
<tr>
<td>Student Scholarships and Project Opportunities</td>
<td>0</td>
<td>0</td>
<td>No Posts</td>
</tr>
<tr>
<td>Research Funding Opportunities</td>
<td>0</td>
<td>0</td>
<td>No Posts</td>
</tr>
<tr>
<td>Events</td>
<td>1</td>
<td>0</td>
<td>TERN - EIF submission process now open</td>
</tr>
<tr>
<td>Job board</td>
<td>2</td>
<td>0</td>
<td>PostDoc in Amphibian Population Ecology - 25 Aug</td>
</tr>
</tbody>
</table>
Noticeboard

• To link stakeholder research needs with researchers
• Associated funding not necessary
• Advertise student projects
• Jobs and Events notices
Must reads and grey literature

Must reads:
• Recent published literature on adaptation for terrestrial biodiversity placed on the website
• Currently working on 100 best reads section

Grey literature:
• Reports or links placed on website for access to both national and international sources.

- invite people to send these reports if they feel relevant to the network.
Database and GIS information

• Link to ARCS, Atlas of Living Australia and Australian National Data Service (ANDS)

• Help with data input

• Link to GIS resources
TRE-bulletins 2010

Four page, quarterly research update to inform researchers and stakeholders

- January
- April
- July
- October
Information sheets

Released:

- Species responses to climate change
- Assisted Migration

Upcoming in 2010:

- Fire and climate change
- Conservation planning
AIM: facilitate research collaboration on the Priority Research Areas outlined in the NARP.

The files linked to each priority research area below are the people which nominated this area of research interest.

- 5.1 National/Continental scale goals
  5.1.1 New conservation goals under Climate change
  5.1.2 Legal, policy and institutional architecture needed to achieve conservation goals
  5.1.3 Long term observation systems and conceptual models

- 5.2 Regional issues
  5.2.1 Designs of landscapes to confer maximum resilience
  5.2.2 Climate change interaction with other key stressors
  5.2.3 Carbon mitigation to maximise biodiversity conservation
  5.2.4 Linking socio-economic trends to yield biodiversity outcomes

- 5.3 Local land management issues
  5.3.1 Costs/benefits of adaptation measures to key communities and ecosystems
  5.3.2 Fire management adaptation
  5.3.3 Response of management in local protected areas
  5.3.4 Whole area management for minimising biodiversity loss

- 5.4 Managing key species
  5.4.1 Prioritising species for investment
  5.4.2 Effective management of priority species
  5.4.3 Managing problem species
## Roadshow Timetable

<table>
<thead>
<tr>
<th>State</th>
<th>Location</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD</td>
<td>Brisbane - Ship Inn, Southbank</td>
<td>Tuesday, 14th September</td>
</tr>
<tr>
<td>VIC</td>
<td>Melbourne - Rydges on Swanston</td>
<td>Tuesday, 5th October</td>
</tr>
<tr>
<td>WA</td>
<td>Perth - Curtin University</td>
<td>Thursday, 11th November</td>
</tr>
<tr>
<td>NSW/ACT</td>
<td>Canberra - ANU</td>
<td>6th-10th December</td>
</tr>
<tr>
<td>SA</td>
<td>-</td>
<td>TBA</td>
</tr>
</tbody>
</table>
Research Support: Honours/Masters Funding

• Project funding for climate change adaptation research

• Seven students supported in 2009

• Eight students supported in 2010

• Completed project summaries available on website
PhD Collaborative Travel Grants 2010

• Students awarded funding to collaborate and learn new skills unavailable at their home institute

• Nine students supported in 2009

• Nine students supported in 2010

• Completed student reports available on the website
International invited speakers

• International guests to speak on Climate Change adaptation

• Present in capital cities around Australia

• 2009 – Jeff Price from WWF, USA
  - Rachel Warren from Trindle Centre, UK

  - 2010 – Jessica Hellmann from University of Notre Dame, USA
    - UWA talk 19th Dec

Other suggestions for presenters welcome.
Workshops 2009 – 2010 completed

Conservation Planning (November 2009)
• Convened by Bob Pressey and Steve Williams
• Daintree, North Queensland

Genetic Translocation (April 2010)
• Insuring against extinction and increasing local adaptation
• Convened by Ary Hoffman and Carla Sgro
• Melbourne, Victoria
Workshops 2010 - 2011

Assisted Migration/Translocation Species (November 2010)
- Move what, where when and how
- Convened by Stephen Garnett and Nicki Mitchell
- York, WA

Riparian vegetation (June 2011)
- with Freshwater Network
- Convened by Sam Capone and Stephen Williams
- Crab Island, NT

Estuarine ecosystems (Nov 2011)
- with Marine, Freshwater and Settlements and Infrastructure Networks
- Convened Melanie Bishop (Macquarie Uni)