

# TEMs Links



August 2005

VOLUME 6 ISSUE 2

## CC's Corner

Dear All,

Welcome to this addition to of TEMs Links, packed full of interesting bits and pieces as ever.

Welcome to a new group of mid-year intake students, Miles Menz (Perth), Doug Arden (Ohio, USA), Andy Peart (Darwin), Jonathon Brett (Brisbane), Howard Smith (Jabiru), Anita Keir (Townsville), Anthony Kerr (Sydney), Matt Gillis (Darwin), Ian Dixon (Darwin, a Graduate Diploma graduate now back for more in the Masters course !), Gail Lowe (Holloways Beach, Queensland, sounds like a nice spot), Erin O'Brien (Darwin), Gerry McMahon (Darwin) and the return of Betsy Hill (back after a leave of absence, welcome back Betsy) and Nic Gambold (Alice Springs), also back after leave of absence).

Welcome to all the new students. You're joining a growing alumni!

For the Darwin crowd we are having a relaxed meet and greet social on **Thursday 1 September at 6 pm, Beachcombers Hotel, Nightcliff**. Come and meet other TEM students, past and current, and staff members.

The TEM course is due for re-accreditation (reviewed by the University) next year and is an opportunity to take stock and assess the program. Is it meeting the needs of students and industry employers? Student feedback would be good here. Feel free to email me your impressions of the program, comments re the educational aspects of the course (lindsay.hutley@cdu.edu.au). CDU has also initiated a streamlining of unit offerings to reduce the number of units with small student load. This is happening across all Schools within CDU. Both these processes (re-accreditation and unit rationalisation) will effect TEM offerings via unit reductions and the possibility of new offerings. See the article on Page 11 describing some potential new units that may become available to TEM students.

The Rangelands unit (SBI 509) is going to be merged with a new unit addressing tropical beef production issues—students will confront



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### TEMS LINKS

- *Aims to keep students of Tropical Environmental Management Program in touch with each other and with staff in the course*
- *Contributions from students and others are always welcome, and should be sent to:*

*TEMs Links*

*C/o Dr Penny Wurm*

*TS-CRC Higher Education Program  
CDU*

*Darwin NT 0909*

*Tel 08 0946 6355*

*Fax 08 8946 7107*

*penny.wurm@cdu.edu.au*

*or*

*Cheryl Arnott*

*TS-CRC*

*CDU*

*Tel 08 8946 6834*

*Fax 08 8946 7107*

*cheryl.arnott@cdu.edu.au*

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(Continued from page 1)

issues relating to production and NRM in the same unit. Some material in the Rangelands unit will be integrated into the *Savanna ecology and management* unit, SBI 507. This unit is also undergoing a major revision. The Tropical Savannas CRC has commissioned and trialled a new professional development course, *Improving cross-cultural engagement*, a must for all professionals working on land management in northern Australia. In a joint collaboration between the Bushfire CRC and Tropical Savanna CRC and CDU, a new unit entitled *Fire ecology & management in northern Australia* is complete. The materials will fill a curriculum gap, and tackle one of the most important issues facing land managers and researchers in the savannas, and will be offered for use by all university partners in these CRCs.

None of these units are yet accredited, and TEM staff members are interested in expressions of interest in these units from the student population. Please email me if you believe these units would benefit you, or if you would be (or would have been) interested in taking them.

Enough from me, hope your semester goes well, and see you locals on the 1st September.

Regards, Lindsay Hutley, Course Coordinator



## Environmental Defenders Office (NT) Inc Environmental Law Forum

Friday 2nd September from 5 pm

NT Museum and Art Gallery Theatre - Bullocky Point Fanny Bay Darwin

A Practical Seminar covering those laws that community members can use and how to use them for environmental protection. A number of speakers expert in their field will make presentations on: *The State of the Territory Environment, Indigenous ecology, Planning, Environmental Assessment, Waste Management & Pollution Control, Water, Mining, and the Commonwealth Environment Protection and Biodiversity Conservation Act*

You will gain insight into what the laws allow you to do and tips on how to use those laws. Your frequently asked questions will be answered

Tom Cowen  
Environmental Defenders Office (NT) Inc  
ph: 08 8982 1182  
email: [edont@edo.org.au](mailto:edont@edo.org.au)

Remember we would love to hear from you. News of your work, study, travels and lives is of interest to fellow students, graduates and staff.



## Thesis Submissions

*By Penny Wurm  
MTEM Research Projects Coordinator  
penny.wurm@cdu.edu.au*

Since the last edition of TEMsLinks the following theses have been submitted and/or examined. A big congratulations to you all!

**Jan Riley** undertook an assessment of vegetation change within and surrounding the Buffalo Farm in Kakadu National Park, focussing on the wetlands. Her project was part of a larger study undertaken under contract to eriss, and was supervised by Guy Boggs and Jeremy Freeman.

**Marj King's** study looked at germination of six species of native plant that are difficult to establish in situations of landscape rehabilitation, supervised by Sean Bellairs. Marj is a renown seed collector and rehabilitation consultant, and will use the results of her research in her ongoing work in this area. Congratulations to you both!

## Graduations

The May 2005 Graduation ceremony marked the final acknowledgement of TEM studies for 18 TEM graduates.

### Master of TEM graduates were:

Erin Aucoin-Wenkoff  
Deborah Bass  
Abilio Da Fonseca  
Fiona Eddleston  
Janelle Fisher  
Johanna Karam  
Kelly Menadue  
Michelle Press  
Keith Tayler

### Graduate Diploma of TEM graduates were:

Shirin Ghafari-Manjili  
Monica Gomez  
Debbie Hudson  
Kathryn Minahan \*

### Graduate Certificate of TEM graduates were:

Karin Carnes  
Soren Faourby  
Janni Linnebjerg  
Pernille Madsen  
Phillip Smith

\* Kate Minahan is returning to the program to complete her master in the coming year.

*Photo caption: (left to right): Dr Penny Wurm (MTEM Projects Coordinator), Dr Lindsay Hutley TEM Courses Coordinator, Janelle Fisher (MTEM Graduate) and Deb Bass (MTEM Graduate). Deb, who travelled from Townsville to attend, and Janelle were both supported by proud family members at the graduation ceremony, which included concluding fireworks and much smiling!*



# The Course Coordinator in the field

*Lindsay Hutley, digger of post holes, holes for planting trees and holes for research in the Daly river region of the NT*

## Hydrological impact of tree clearing in the Daly Catchment

The Daly River is a perennial stream. Dry season base flows in the Daly River are sourced from spring inflows, largely from the Ooloo Dolostone Aquifer.

The water quality of these springs is critical to river health and changes in the volume of water entering the river will affect water quality and impact upon water-dependent ecosystems.

The impacts of clearing and land use on recharge to, and water quality in, the Ooloo Dolostone Aquifer, the major aquifer that sustains spring flows into the Daly River will be assessed using chloride and matric potential profiles and nutrient concentrations obtained from unsaturated cores plus measurement of evapotranspiration rates from native vegetation and cleared land.

The impacts of changes due to clearing and extraction for irrigation on spring flows and water quality will be predicted using analytical



Photo: Lindsay Hutley

and numerical models of groundwater flow.

Optimisation techniques would be used to maximise the offset between increases in spring flows due to clearing and decreases due to irrigation extraction.

The emphasis of the work is to understand the processes occurring and hence guide the development of land and water management practices that will prevent adverse impacts on the ecosystems sustained by spring flows into the Daly River.

Contact Lindsay Hutley and Dr David Wilson at CDU for more details.

## Danish students' arrive on Campus

Nina Christiansen and Casper Katborg have taken up the opportunity to study at CDU, under the auspices of the MoU between CDU and The University of Aarhus in Denmark. Casper and Nina are enrolled in the Environmental Studies program at Aarhus and will be taking advanced undergraduate and TEM units at CDU. Exchange students from Aarhus are always a pleasure to have in the TEM program, and are generally courageous in their choice of units. Welcome Nina & Casper!



# Fire fighting in the Savannas

Fire management is part of the resource management in the tropical savannas and are part of studies in the VET program of Conservation & Land Management. The photos shown here are students burning on the savanna carbon use research site at Howard Springs, used by Lindsay and his colleagues.

*Philip Stewart*



*Lindsay and Philip Stewart at fire practice in the Howard River area*

*Photos: Philip Stewart*



*The next level of defence!*



*The team still smiling*

# TEM Graduate updates

*From Abilio Da Fonseca, MTEM graduate*

Abilio wrote to tell us from his home, East Timor, that he has received his testamur and now has a new job at the UNDP office in Dili, which he finds very interesting. His main responsibilities are in the three thematic areas of: land degradation, climate change and biological diversity in cooperation with Government members. He is recruiting international consultants to assist the Timorese government in ratification of the three thematic areas and to set up institutional collaborations. It is planned to establish the mechanisms to coordinate key stakeholders within Timor-Leste to address environmental issues around the territory.

Abilio sends his regards and would like to hear news from other TEM alumni and CDU.



*Rice paddies in Timor Leste*



*The view from Pousada Maubisse*



*Photos: Cheryl Arnott*

*From Carlos Ximenes an MTEM graduate*

Recently Carlos wrote to us advising that he has been selected as Director for the Environment Division and simultaneously the Chief of Staff for the Minister of Development and Environment for East Timor. The final decision was made by the Minister and the PM of Timor-Leste. Carlos is looking forward to these challenging roles.

Carlos also advises that a new Secretary of State for Tourism and Environment is to be announced soon. Carlos is keen to receive news from CDU students and staff.

*Johanna Karam, MTEM graduate, working with Oxfam in Oecusse*

In the year that Jo has been in Oecusse some of her work has involved dialogue between government and NGOs about environmental issues in the Oecusse district. Internet access is not too reliable so Jo has trouble keeping up with news through this means. Invar Anda, a current TEMs student from the same district and is known to Jo. Jo will be back visiting Darwin in October.

# Fire in eastern Indonesia project update

## Associated educational exchanges

The TS CRC and CDU hosted visits from 2 staff from Satya Wacana Christian University (UKSW) in the first half of the year. Both trips were funded by the ATSE Crawford Fund, and hosted by the ACIAR Fire Project and TS CRC Higher Education Project.

Dr Ferry Karwur, is the Director of the UKSW Centre for Studies in Eastern Indonesia, and coordinator of the UKSW Master of Biology and a researcher and lecturer in the Faculty of Biology. Ferry visited Darwin in May to attend a workshop on sustainable livelihoods, hosted by the Institute of Advanced Studies at CDU. He also met with TS CRC and CDU lecturing staff to further plan the integration of CDU/TS CRC learning materials into UKSW curriculum, and to develop longer term collaborations under the recently signed MoU between the two universities.



*Photo of Ferry & Penny—off on a field trip*

Mr Dharma Palekahelu Flexible Learning Coordinator, researcher and lecturer, and GIS professional at UKSW, visited CDU and other TS CRC partners in Darwin in July. Dharma attended the NARGIS workshops and then met with TS CRC Education and Communications Coordinators, and CDU staff in the GIS unit and Teaching & Learning Development Group at CDU. Dharma also hopes to return to CDU to complete a research higher degree which combines his interest in education design and technology with GIS applications in natural resource management.



*Left to right: Dr Bronwyn Myers (CDU, ACIAR Fire Project Leader), Tania Paul (CDU, project partner Coordinator), Rohan Fisher (CDU, Project GIS Officer), Dharma Palekahelu (Satya Wacana Christian University, project partner) and Dr Penny Wurm (TS CRC, project partner) at a project meeting at CDU, July 2005. Mr Palekahelu was in Darwin on a Crawford Fund training program.*

To date, materials for *SES501 Landscape ecology & GIS* (<http://learnline.cdu.edu.au/units/ses501/>) have been picked up by UKSW used as a resource by lecturing staff to develop an internal unit in this area. The unit is being taught at present by Dharma and the Faculty dean, Dr Agna Krave, who visited Darwin in May 2004. The unit will be evaluated at the end of semester (i.e. August).

Read more at: [http://savanna.cdu.edu.au/internal/newsletters/ts1/ts94/indonesia\\_fire\\_proj.html](http://savanna.cdu.edu.au/internal/newsletters/ts1/ts94/indonesia_fire_proj.html)

See [http://savanna.cdu.edu.au/publications/savanna\\_links29/indonesian\\_fire\\_pro.html](http://savanna.cdu.edu.au/publications/savanna_links29/indonesian_fire_pro.html)

Website: <http://fireindon.ntu.edu.au/index.html>

# Fire in eastern Indonesia project update

*Information for this report has been provided by Penny Wurm and Bronwyn Myers*

As reported in previous editions of TEMsLinks and the recent edition of Topical Savannas, the TS-CRC in partnership with CDU and the Indonesian government have been working alongside the ACIAR-funded project 'Impacts of fire and its use for sustainable land and forest management in Indonesia and northern Australia' for the last two and a half years. Data on the extent of fires in eastern Indonesia (Nusa Tenggara Timur or NTT) currently exist only in the form of localised, incomplete departmental estimates. Compilation of reliable GIS-based fire data was recognised as fundamental to developing more sustainable land management in the region. This has been achieved through the ACIAR project, by training local government officers, building capacity in GIS/Remote sensing skills for mapping and monitoring to inform land management.



*The classroom*



*Paulina training locals in control burn techniques in Sumba*



*Photos: Bronwyn Myers*

Rohan Fisher (the project's Darwin-based GIS officer) has provided much of this training and mentoring during regular trips to NTT and culminated in three weeks in Darwin last April, when two NTT officers met Australian research professionals and government staff working in GIS and environmental management fields. Rohan conducted a series of lectures and a five-day workshop at SWCU in May 2005. The workshop was a catalyst to further develop skills in this area. A website is being developed as a central point of contact for the forum. Another workshop of the same type will be run in Kupang later in the year. A more focused technical workshop for previous participants to build on acquired skills is planned for next year.

## Proposed new units—

The Tropical Savannas CRC has commissioned and trialled an exciting new course, *Improving cross-cultural engagement*.



The materials were developed under the leadership of Greg Wearne (consultant to TS CRC) and Lesley Instone (CDU), and trialled with the assistance of Larrakia woman, Lorraine Williams. The learning materials are suitable for professional development short-courses, or adaptation to an advanced-level coursework unit. The course includes a rich collection of readings, opportunity for personal reflection and ideas for improving professional practice.

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In a joint collaboration between the Bushfire CRC and Tropical Savanna CRC, materials for a new advanced undergraduate unit in *Fire ecology & management in northern Australia*, are in development and will be launched before the end of August. The materials include website text, readings, videos and model simulations. They will fill a curriculum gap, and tackle one of the most important issues facing land managers and researchers in the savannas, and will be offered for use by all university partners in the CRCs.

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Under the auspices of the MoU between the NT Government and CDU, staff from NT DBIRD have been commissioned to develop a TEM it in Tropical Beef Production. The new flexible unit will feature a residential in the Katherine region and teaching by experienced DBIRD staff and researchers. This unit may be combined with the existing unit *Managing northern rangelands*.



Photo: Stephen Tapsall

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None of these units are yet accredited, and TEM staff members are interested in expressions of interest in these units from the student population. Please email Lindsay Hutley if you believe these units would benefit you, or if you would be (or would have been) interested in taking them.

\*\*\*\*\*

### Eastern Indonesia field program

Satya Wacana Christian University (UKSW) staff and researchers are proposing the development of a 2 week field unit focussing on natural resource management issues in eastern Indonesia. The unit will be developed in consultation with CDU staff to ensure that students attending will be able to get credit towards their program at CDU. The unit will involve researchers and educators experienced in the region and both Indonesian and CDU (and other Australian) senior students will be able to attend. Thus the unit would provide opportunities for exploring NRM issues in a cross-cultural bilingual setting, between regional neighbours. This new unit is in the conceptual stage of development.

Contact Lindsay Hutley for further information.

# Sharing Our Heritages



## Master Classes in Cultural and Natural Heritage Management

### International opportunities for MTEM students

#### To commence soon, Master classes in Cultural and Natural Heritage Management

There is an exciting opportunity, funded by DEST that involves the exchange of post-graduate students between 4 universities in the European Union and 4 in Australia. The first year of the project (2005) involves the joint development of the program by staff of the consortium universities.

In 2006, and again in 2007, 20 Australian students (5 students from each university) who are enrolled in the affiliated Master's degree program at Charles Darwin, Curtin, Deakin or Western Sydney universities will be subsidised to study for one full-time semester in a partner university in Europe and to attend Master Classes at the [UNESCO World Heritage Centre, Paris](#), and the Val de Loire, (in January) and at the [Kakadu World Heritage site](#), Australia (in July).

Similarly, 20 European students who are enrolled in the affiliated Master's degree or equivalent programs at Brandenburg Technical University (Germany), the Catholic University of Leuven (Belgium), the Polytechnic University of Valencia (Spain) and University College Dublin (Ireland) will also receive a subsidy to study for one full-time semester in one of the partner universities in Australia, as well as to attend the Master Classes in France and Australia sponsored by UNESCO World Heritage Centre and the [Australian Department of Environment and Heritage](#).

The broad aim of the project is to:

- ✦ Prepare students to work in the global marketplace;
- ✦ Help students develop transferable skills;
- ✦ Enable students to obtain understanding of, and empathy with, different cultural contexts;
- ✦ Prepare students for the demands of mobility and flexibility in the job market;
- ✦ Assist students to establish links and networks to support on-going knowledge and information exchange.

#### Funding for CDU students

Student stipend for the exchange period is \$AUD7, 600 per student which covers airfares and living allowing for six months.

There is a possibility that more funding may be obtained to contribute towards the costs of the Master classes in Paris and Kakadu.

#### Logistics

Due to differences in semester dates for some European universities, Australian students wishing to take part in the exchange program in the first half of 2006 or 2007 will study at either Leuven (Belgium) or Valencia (Spain), beginning with the Master Class in Paris in January and returning to Australia at the immediate end of semester to undertake the Master class in Kakadu in July.

Australian students wishing to take part in the program in the second half of 2006 or 2007 will study at either Dublin (Ireland) or Cottbus (Germany), beginning with the Master Class in Kakadu and then facing some free time until semester commences in Dublin in September and Cottbus in October and then attending the Master class in Paris in January.

[www.uws.edu.au/about/acadorg/cste/heritage/soh/participatinginstitutions](http://www.uws.edu.au/about/acadorg/cste/heritage/soh/participatinginstitutions)

CDU students, they will be required to enrol in the *Masters of Tropical Environmental Management (MTEM23)*.

For further information please view the website or contact Lindsay Hutley, the



Australian Government



European Union



University of Western Sydney



Brandenburg University of Technology



World Heritage Centre - UNESCO



Charles Darwin University



Curtin University of Technology



Deakin University



Katholieke Universiteit Leuven



Universitat Politecnica de Valencia



University College Dublin



## Tips for preparing and delivering research Powerpoint presentations

You might find this site useful to look at before your next presentation. The site contains advice on how to tweak the content and aesthetics of slides to produce slick, entertaining, and informative oral presentations on biological research projects. Although most of the advice is applicable to talks given with 35-mm slides, some is specific to computer-generated shows made with Microsoft Powerpoint, Apple Keynote, and OmniGraffle Professional.

<http://www.swarthmore.edu/NatSci/cpurrin1/powerpointadvice.htm>

Acknowledgement to Swarthmore College

## Awards

### ABC Science Media Fellowships

Are you an Australian scientist who is passionate about sharing your knowledge with a wider audience? Do you want to find out how the media works and how to get accurate science into the news?

The ABC and the Australian Academy of Science are offering three Science Media Fellowships in 2005 for practising scientists and engineers with several years in experience in their fields. The six-week full time Fellowships will commence on 17th October 2005.

It is expected the fellows will continue to be paid by their employers during the fellowship. A fellowship fee and travel costs must be paid by the fellow's employer.

For more information: <http://www.abc.net.au/science/fellowships/>

**Applications close Friday August 12**

### Call for nominations: Awards for scientific excellence for junior and senior researchers

You are invited to nominate candidates for the prestigious awards of the Australian Academy of Science. Information about the awards is available at <http://www.science.org.au/awards>

**Closing date of 30 August 2005**



### 2006 Fullbright Awards

The Australian-American Fullbright Commission has recently announced the opening of the competition for the 2006 Fullbright Awards.

For further information visit: <http://www.fullbright.com.au>

### AFUW-NT Scholarships

Applications for scholarships from NT branch of the Australian Federation of University Women (AFUW NT) are due by 7<sup>th</sup> October 2005. One postgraduate, one undergraduate and one scholarship for an Indigenous student are available for women studying full-time in the NT. For more information see the AFUW NT website at <http://www.afuw-nt.org.au/index.html>

**RIRDC Rural Women's Award** was instigated in 2000 with the objective of increasing women's capacity to contribute to agriculture and rural Australia, by providing them with the support and resources to further develop their skills and abilities. The Award now in its seventh year is playing a pivotal role in the future sustainability of rural Australia, by encouraging rural women and their increased contribution to rural industries.

The 2006 Award provides a Bursary of \$10,000 to each of the seven State and Territory winners and the opportunity for winners and runners up in each State and Territory, to attend the prestigious Australian Institute of Company Directors' course.

The Award supports women with a strong and positive vision for the future of agriculture and is open to all women involved in agriculture, including fisheries and forestry, natural resource management and related service industries

Applications close: 15th October 2005 <http://www.ruralwomensaward.gov.au/>

**TEM Drinks**  
 Come to The Beachfront Hotel,  
 Rapid Creek  
 From 6.00pm  
 On Thursday 1st September

Come and relax and chat and  
 get to know your TEM peers.  
 Staff, students &  
 supporters welcome!



### CSIRO FORUM SERIES

These are held at CSIRO Seminar Room, Van-  
 derlin Drive, Berrimah at 3.00 pm on Fridays

Visit the website:

<http://www.terc.csiro.au/seminars/>

### jobhunters

Hallmark Editions have two very useful sites  
 , one for environmental jobs:

<http://www.envirojobs.com.au>

the other is for jobs in research:

<http://www.researchjobs.net.au>

“NRMjobs” is another excellent site advertis-  
 ing jobs that TEM students are likely to be  
 interested in: <http://www.nrmjobs.com.au>

### Positions Vacant

**Research Associate – Wildlife & Landscape Science**  
 Academic Level A

School for Environmental Research  
 Casuarina Campus

Up to 12 months full-time appointment

School for Environmental Research

Academic Level A - \$43 693 to \$59 296 per annum

<http://www.cdu.edu.au/staffservices> or

08 8946 6284 or

[recruitment@cdu.edu.au](mailto:recruitment@cdu.edu.au)

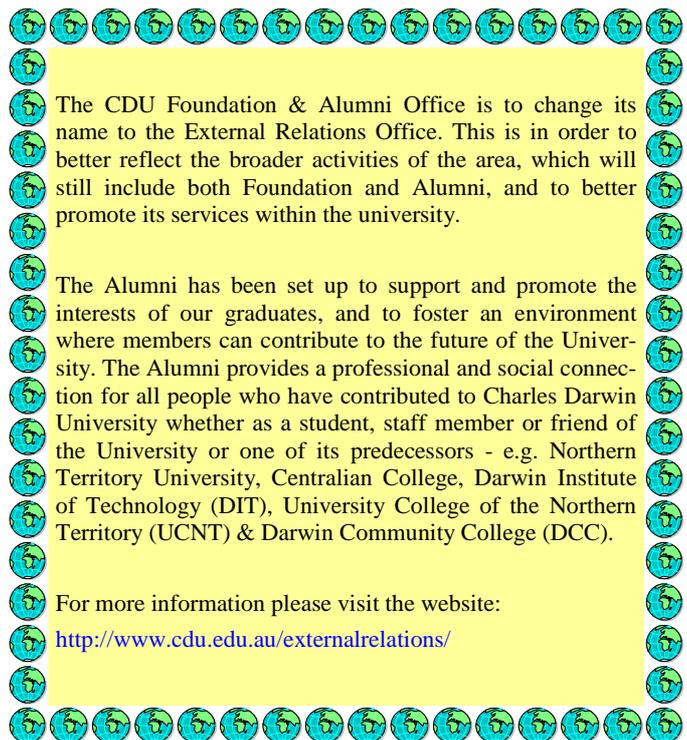
**Applications close 17 August**

### Graduation

The next graduation will be at:  
 Darwin Entertainment Centre  
 6.30pm  
 14 October 2005

### MTEM Theses

Did you know that copies of some of the com-  
 pleted MTEM Theses are lodged in the CDU Li-  
 brary?



The CDU Foundation & Alumni Office is to change its  
 name to the External Relations Office. This is in order to  
 better reflect the broader activities of the area, which will  
 still include both Foundation and Alumni, and to better  
 promote its services within the university.

The Alumni has been set up to support and promote the  
 interests of our graduates, and to foster an environment  
 where members can contribute to the future of the Univer-  
 sity. The Alumni provides a professional and social connec-  
 tion for all people who have contributed to Charles Darwin  
 University whether as a student, staff member or friend of  
 the University or one of its predecessors - e.g. Northern  
 Territory University, Centralian College, Darwin Institute  
 of Technology (DIT), University College of the Northern  
 Territory (UCNT) & Darwin Community College (DCC).

For more information please visit the website:

<http://www.cdu.edu.au/externalrelations/>

# WEB-SITES

For an update on **Tropical Savannas CRC** visit: <http://savanna.cdu.edu.au/>  
and **Savanna Links**: [http://savanna.ntu.edu.au/publications/savanna\\_links.html](http://savanna.ntu.edu.au/publications/savanna_links.html)

**Savannah Explorer**: <http://savanna.ntu.edu.au/information/savannaexplorer.html>

**Subscribe to the NTECOL discussion list**  
<http://lists.cdu.edu.au/mailman/listinfo/ntecol>



## Gateways to climate change

ClimateArk is a climate change portal and search engine dedicated to promoting public policy that addresses global climate change through reductions in carbon dioxide and other emissions, renewable energy, energy conservation and ending deforestation. Developed by Ecological Internet, the non-profit organisation has other websites such as the Eco-Portal that is an information gateway designed to empower the environmental sustainability movement.

<http://www.climateark.org/>

## Online guide to pests

Queenslands Department of Natural Resources and Management's weed and pest animal website has undergone a major redevelopment with many new features including:

- \* A-Z listing of declared plants and animals and other significant pests
- \* Regularly updated 'hot topics'
- \* Current newsletters and bulletins
- \* Educational resources, training and careers
- \* Searchable pest distribution and predictive maps and mapping systems
- \* Legislation, policies and permits
- \* Pest management research

<http://www.nrm.qld.gov.au/pests>

## Windows to Australia

PictureAustralia is an Internet based service that allows you to search many significant online pictorial collections at the same time. It provides a service to the visual collections of a range of public libraries, museums, academic libraries, archives and the national libraries of both Australia and New Zealand.

<http://www.pictureaustralia.org>

Q-links is the monthly bulletin of the Queensland Landcare Foundation. To subscribe, send an email to: [q-links-subscribe@yahoogroups.com](mailto:q-links-subscribe@yahoogroups.com)

Currently available is the Landcare Awards edition of Q-links. The first few pages includes information about some of the winners as well as photos from the awards ceremony held recently in Barcardine. The bulletin also contains information about grants, training and other network news. Q-Links has just received a grant from Gambling Community Benefit Fund to upgrade web capability and this will help streamline the bulletin and the way it is prepared.

## Audit provides NRM toolkit

The National Land and Water Resources Audit and ANZLIC - the Spatial Information Council have developed a toolkit to assist regional natural resources management groups discover, access, visualise and manage their data and information. The toolkit can be used as a text book document, teaching aid or as a series of stand-alone modules.

<http://www.nlwra.gov.au/toolkit/contents.html>

## Spin a yarn on the web

The Young Australian Youth Network is an interactive website designed for young people in rural industries. It aims to provide people with a place to interact and share information with others around Australia.

<http://www.yarn.gov.au/>

## Australian Academy of Science

<http://www.science.org.au/newsletters/aas62.pdf>

# CONFERENCES, SEMINARS & A FESTIVAL



The **Ecological Society of Australia** maintains a comprehensive listing of relevant conferences at: [www.ecolosc.org.au/ConferenceListing.html](http://www.ecolosc.org.au/ConferenceListing.html) Why not check out their student memberships when you visit their site?

## **Environmental Law Forum**

**Friday 2nd September from 5 p.m NT Museum and Art Gallery Theatre - Bullocky Point Fanny Bay Darwin**

Environmental Defenders Office (NT) Inc is presenting A Practical Seminar covering those laws that community members can use and how to use them for environmental protection. A number of speakers expert in their field will make presentations ,

Tom Cowen, 08 8982 1182, [edont@edo.org.au](mailto:edont@edo.org.au)

## **The 8th International Conference on Ecology and Management of Alien Plant Invasions 5-10 September 2005, Poland**

Contact: Dr Barbara Tokarska-Guzik,

Department of Plant Sytematics, Faculty of Biology and Environmental Protection, University of Silesia, Jagiellonska 28 40-032 Katowice, POLAND Web: <http://www.emapi.us.edu.pl/>

## **World Conference on Ecological Restoration 12-18 September 2005, Zaragosa, Spain**

This conference's goal is to bring researchers and practitioners together to exchange knowledge and experience as well as to promote the practice of Ecological Restoration as the integration of scientific-technical fundamentals, economic opportunities, and social participation all around the world. The Conference will also evaluate the requirements, methods, costs and benefits for ecological restoration of degraded sites, populations, communities, habitats, ecosystems, biomes, the Earth

For more details: <http://www.ecologicalrestoration.net>

## **“Building capacity for sustainable resource management...moving a wheelbarrow full of frogs!” A practical symposium, Toowoomba, 28 – 29 September 2005**

Asia Pacific Extension Network is pleased to announce an accompanying event the night before, "Increasing your responsiveness to client training needs". This free workshop is about how to identify and negotiate the right sort of training for your clients. No matter whether you are just starting out or whether you have been doing it for some time, the workshop will provide useful tips on the best ways to: identify needs, find out about the sorts of training opportunities available, and go about matching needs to training, acting in the best interests of your clients.

We have received more interest in submitting abstracts than we expected, so we have extended the deadline until tomorrow, Friday 12 August, for any late ones.

[www.apen.org.au/events/2005symp09/](http://www.apen.org.au/events/2005symp09/)

## **Western Australian Natural Resource Management Conference 2005 3-6 October 2005, Denmark, Western Australia**

The first Western Australian State NRM Conference entitled "Sustainability Side by Side" will emphasize practical and profitable solutions to landscape scale management. The conference days are themed with the principles of sustainability, namely: environmental, economic and social. Titles for the days are: Natural Systems; Diversification for Profit; and RIRDC presents Future Landscapes and Sustainable Communities. For more information: <http://www.greenedge.org/wanrmconf2005/>

## CONFERENCES, SEMINARS & A FESTIVAL continued

### Interdisciplinary Conference on Crossing Cultures

12-13 November 2005, Museum & Art Gallery of NT, Darwin

In recent years debates surrounding colonial encounters, cross-cultural exchange, and minority histories have taken centre stage in postcolonial studies both in Australia and overseas. The question of centre/ periphery relations lies at the heart of these debates. Yet it seems that an imaginary 'Europe' continues to override attempts to address the political reality of colonial history and contemporary societies at the periphery.

This seminar seeks to address this gap by examining the nature of cross-cultural exchange across a diverse range of disciplines. Papers presented at this symposium will examine relationships with Indigenous people, policies of multiculturalism and the region of Southeast Asia with regard to history, law, politics and culture. Visit: <http://www.cdu.edu.au/whatson/events.html>

### GREENHOUSE 2005—Action on Climate Change

13-17 November, 2005, Carlton Crest Melbourne

Take part in the most significant climate change conference in Australia in 2005

Interest in climate change is high, particularly with regards to taking effective action. There is a clear need for industry, scientists and government at all levels to work closely together to tackle this significant environmental issue. Demand is strong for the latest information on the science, the likely impacts of climate change, adaptation strategies and approaches to reducing atmospheric greenhouse gas concentrations. The Conference will cover these themes as well as international issues, policy development, communication and education.

<http://www.greenhouse2005.com/>

### ESA Conference 2005

29 November - 2 December 2005, University of Queensland, St. Lucia, Brisbane

The Ecological Society of Australia's annual conference is an event of cutting edge research, ecological investigation and enquiry. Abstract submissions and early bird registration close on 25th September.

For more details visit: <http://www.ecolsoc.org.au/conferences.html>

### Devil's Claw Festival

This year's pre wet season Devil's Claw Festival is scheduled for 5-16 December 2005. Gregory National Park, near the WA border has been removing this weed with the assistance of volunteers. If you would like to do a stint set the date aside and contact the PWC NT office at Timber Creek 8975 0833 or 8975 0888.

## EXCITING NEW WEB-SITE & MAGAZINE



### Kantri Laif

*Kantri Laif* (coun-try li-fe) is spelt in Kriol, and is a new publication for Indigenous land and sea management in the Kimberley, Northern Territory, Gulf of Carpentaria and Torres Strait. Produced by the North Australian Indigenous Land & Sea Management Alliance, *Kantri Laif* will be produced twice each year. To subscribe, or obtain hard copies, please contact Lisa Binge, Phone: 08 8946 6883, Fax: 08 8946 7107, [lisa.binge@cdu.edu.au](mailto:lisa.binge@cdu.edu.au). You can also talk to Lisa about stories for the next issue.

[http://savanna.ntu.edu.au/publications/kantri\\_laif.html](http://savanna.ntu.edu.au/publications/kantri_laif.html)

# TEMS Links

## Tropical Environmental Management Students' Newsletter

Vol 6 No 2 August 2005

If undelivered, return to P Wurm, Tropical Savannas CRC, CDU, Darwin 0909

**The Northern Territory Field Naturalists Club** meets on the second Wednesday of the month, at 7.45 pm in the SAIKS seminar room (Bldg 30) here at CDU Casuarina. Guest speakers present informative talks on the flora and fauna of the region. There are also regular excursions.

Contact: Don Franklin:  
don.franklin@cdu.edu.au  
phone 08 8946 6976(w) or  
08 8948 1293 (h)

**The Top End Native Plant Society** meets on the third Thursday of each month at Marrara Christian School (corner of Amy Johnstone and Macmillans Rd). The meetings start at 7.30 and invited guest speakers provide insight into various aspects of Top End flora. Visit their website for more info:

<http://tenpsnt.tripod.com/>

### **NTECOL discussion list**

TO SUBSCRIBE, PLEASE GO TO THIS PAGE:

<http://lists.cdu.edu.au/mailman/listinfo/ntecol>

"NTECOL is a discussion list for people with an interest in the ecology and biology of the organisms and communities of Northern Australia.

The primary purpose of the list is facilitate communication among interested people and organisations so as to increase the flow of information and facilitate interaction. This could include - but need not be restricted to - announcements of seminars, workshops and conferences, discussion of topical issues, and requests for information or collaboration."

If you want to be removed from our mailing list (electronic or hardcopy), please let me know by emailing [cheryl.arnott@cdu.edu.au](mailto:cheryl.arnott@cdu.edu.au)  
Thanks