CAEPR’S MISSION

CAEPR’s mission is to contribute to better outcomes for Indigenous Australians by informing constructive academic and public debates based on innovative research; analysing changes in Indigenous socio-economic status; and informing and influencing policy formation. CAEPR will do this with research, teaching and outreach that combines academic excellence of the highest international standards with realism, objectivity and relevance.

CAEPR’S VISION

CAEPR’s vision is to be a national centre at The Australian National University, leading in research and teaching excellence on Indigenous economic and social development and public policy.
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<td>AAPA</td>
<td>Aboriginal Areas Protection Authority (Northern Territory)</td>
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<td>ANU</td>
<td>The Australian National University</td>
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<td>ARC</td>
<td>Australian Research Council</td>
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<td>ASSA</td>
<td>Academy of the Social Sciences in Australia</td>
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<td>CAEPR</td>
<td>Centre for Aboriginal Economic Policy Research</td>
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<td>CDEP</td>
<td>Community Development Employment Program</td>
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<td>CDU</td>
<td>Charles Darwin University</td>
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<td>CFOC</td>
<td>Caring for our Country</td>
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<td>CRC</td>
<td>Cooperative Research Centre</td>
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<td>CSIRO</td>
<td>Commonwealth Scientific and Industrial Research Organisation</td>
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<td>DEWHA</td>
<td>Department of the Environment, Water, Heritage and the Arts</td>
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<td>GIS</td>
<td>geographic information system</td>
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<td>GPS</td>
<td>global positioning system</td>
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<td>IPA</td>
<td>Indigenous Protected Area</td>
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<td>NAILSMA</td>
<td>North Australian Indigenous Land and Sea Management Alliance</td>
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<td>NLC</td>
<td>Northern Land Council</td>
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<td>NRETA</td>
<td>Department of Natural Resources, Environment and the Arts (Northern Territory)</td>
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<td>PoC</td>
<td>People on Country research project</td>
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<td>SEWPaC</td>
<td>Department of Sustainability, Environment, Water, Population and Communities</td>
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<td>TNC</td>
<td>The Nature Conservancy</td>
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<td>TRaCK</td>
<td>Tropical Rivers and Coastal Knowledge</td>
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<td>UNSW</td>
<td>University of New South Wales</td>
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<td>VIF</td>
<td>Visiting Indigenous Fellowship</td>
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<td>WALFA</td>
<td>West Arnhem Land Fire Abatement</td>
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<td>WoC</td>
<td>Working on Country</td>
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INTRODUCTION

THE PEOPLE ON COUNTRY, HEALTHY LANDSCAPES AND INDIGENOUS ECONOMIC FUTURES (PoC) PROJECT is a collaborative research project focusing on Indigenous land and sea management in the tropical savanna of the Top End and Gulf Country of the Northern Territory, Australia. The core objective of the PoC project is to assist Indigenous land and sea managers to build an evidence base on how their activities contribute to Indigenous well-being and to the health of land and sea country. This research is sponsored primarily by the Sidney Myer Fund, with additional support from the Australian National University (ANU) and an Australian Research Council (ARC) Discovery project titled ‘Hybrid Economic Futures for Remote Indigenous Australia’ awarded to Jon Altman (2008-2013). The PoC project began in late 2007, and this is its third annual report.

In April 2010 CAEPR received confirmation from the Sidney Myer Fund of their continued financial support of the People on Country (PoC) project for a further two years, until the end of October 2012. This continuation followed an independent review of the project completed by Dr Dermot Smyth in February 2010 (see <http://caepr.anu.edu.au/poc/research/reports.php>). The evaluation highlighted the significant contribution the PoC project makes to supporting Indigenous land and sea management in the Top End, according to our partners and other stakeholders; and to enhancing understanding in the policy community of the support required to maximise the benefits of the work of Indigenous land and sea management groups. Dermot Smyth also remarked on the effectiveness of the cross-cultural relationships and multidisciplinary methodologies that underpin the PoC project.

During 2010 PoC project staff have continued to spend a great deal of time on the ground in remote Indigenous communities even though some fieldwork activities were disrupted this year due to inaccessibility as a result of the prolonged wet season. Fieldwork has continued to focus predominantly on environmental management activities, monitoring, training and data collection and governance issues. Preliminary results of the monitoring activities over the past two years highlight the positive impact of the different feral animal management strategies used by the PoC partners, as well as the high biodiversity values of regions studied.

During 2010 PoC project staff have continued to contribute to policy debate through lectures, seminars, workshops, and the publication and dissemination of reports, academic papers, government submissions and through engagement with the media. The project team also remain active in maintaining and developing collaborations with related research projects, Indigenous and other national and international organisations.

Following the continued funding commitment the PoC project team have been able to plan the direction of the project in the coming years. Whilst the vital environmental management and monitoring activities will continue in 2011 and 2012, the project will now also seek to document the direct and indirect social and economic benefits associated with Indigenous land and sea management. This has already begun in 2010 with some preliminary fieldwork. Furthermore, on 2-3 November the PoC project team convened a workshop in Darwin to discuss these issues, bringing together representatives from all the project partners as well as members of the project’s steering committee, PoC project staff and affiliates.
RESEARCH AIMS

The core objective of the PoC project is to assist Indigenous land and sea managers to build an evidence base on how their activities contribute to Indigenous well-being and to the health of land and sea country. Working in partnership with traditional owners and their land and sea management organisations, the PoC project aims to benefit Indigenous land and sea managers and strengthen Indigenous land and sea management by making significant contributions towards:

- an evidence base on the environmental outcomes from Indigenous land and sea management initiatives
- an evidence base on the links between Indigenous land and sea management and community well-being
- assisting Indigenous land and sea managers in making their voices heard in national debates on such issues as climate change, fresh water, fire management, wildlife use, and cultural and natural resource management
- providing, when opportunities arise, input into government policy and programs that recognise and support traditional owners caring for land and sea country
- attracting greater government and private investment in Indigenous land and sea management initiatives
- building the capacity of Indigenous land and sea managers, through the learning of new skills and practices and promoting empowering relationships.

THE RESEARCH TEAM

The PoC project team comprises a small multidisciplinary group with capabilities in social and biophysical sciences and in the development of online multimedia resources. The PoC team members are as follows:

Professor Jon Altman

Jon is the PoC Project Leader and was the Director of CAEPR from 1990-2010. He is the recipient of an ARC Australian Professorial Fellowship (Project No. DP0877549) working on a five-year project—'Hybrid economic futures for remote Indigenous Australia: Linking poverty reduction and natural resource management’—that is closely linked with the PoC project. Jon has maintained vibrant and diverse research relations within the Arnhem Land region for over 30 years. He has also undertaken field research in north Queensland, the Torres Strait, the Kimberleys and Central Australia. Jon’s research interests include: sustainable economic development in Indigenous Australia; Indigenous people’s engagement with national and global economies; commercial utilisation of wildlife and fisheries; the Indigenous customary sector and its articulations with the market and the state; and land rights, native title and Indigenous land and sea management.

Dr Seán Kerins

Seán came to CAEPR at the end of 2007 to work on the PoC project as a Research Fellow. For the previous five years he worked at the Northern Land Council (NLC) in Darwin as Executive Officer of the Caring for Country Unit. In this role Seán assisted Indigenous land and sea management groups to develop land and sea management plans, secure funding and training opportunities, and lobby government to increase funding for Caring for Country projects. He has also worked for 10 years on sea rights with Maori in New Zealand.
Dr Emilie Ens

Emilie joined the project team in July 2008 as a Post-Doctoral Fellow and in 2010 she was promoted to research Fellow. Emilie is an ecologist whose previous research focused on understanding the ecology and impacts of invasive species with the aim of guiding land management practices. Her research for the PoC project centres on the establishment of monitoring programs that quantify the ecological outcomes of Indigenous land management activities. These programs have been developed with ranger groups and have included monitoring the impacts of feral ungulates and the outcomes of management effort, the development of local herbaria, frog surveys, ethnobotanical research, recording traditional ecological knowledge and extensive use of technologies such as CyberTracker.

Ms Katherine May

Katherine has been with CAEPR since September 2008 and joined the PoC project as a Research Officer in March 2009. Her background is in international development, and prior to coming to CAEPR she worked with an international environmental NGO in the UK. Her research focus for the PoC project centres on identifying and analysing government support for Indigenous land and sea management and the social and economic benefits of Indigenous engagement in natural resource management activities. Katherine is also the editor of the PoC Project Reports and Newsletters and she provides considerable project administrative support.

Mr John Hughes

John is CAEPR’s Publications Editor and Web Publisher. He has been at CAEPR since 2003 and works in a part-time capacity for the PoC project on website development, online multimedia resources and publications.

PROJECT PARTNERS

In 2010, PoC project staff have continued to consolidate their partnerships with the seven land and sea management groups. These groups reflect the diversity of Indigenous land and sea management organisations, their various stages of development, governance arrangements, geography, management issues and priorities, and the tenures that traditional owners have over land and sea country.

The partners are:

- Dhimurru Aboriginal Corporation (north-east Arnhem Land)
- Djelk Rangers (western Arnhem Land)
- Garawa Rangers (Gulf of Carpentaria)
- Waanyi/Garawa Rangers (Gulf of Carpentaria)
- Warddeken Land Management (western Arnhem Land)
- Yirrkalka Rangers (north-east Arnhem Land)
- Yugul Mangi Aboriginal Land and Sea Management Corporation (south-east Arnhem Land)

The Bardi Jawi Rangers (West Kimberley) are also closely linked to the PoC project through PhD research commenced in 2009 by Geoff Buchanan, as part of Jon Altman’s ARC Discovery Project ‘Hybrid Economic Futures for Remote Indigenous Australia’.
STEERING COMMITTEE

The PoC Steering Committee was established in 2008. In 2010 Bruce Edwards replaced Kathleen Mackie as the representative from SEWPaC (formally DEWHA). The 2010 Steering Committee meeting—the third since the project began—was held in Darwin in November. The Steering Committee continues to provide ongoing links with key staff of key Indigenous representative organisations, government agencies and academic colleagues. The members of the committee are:

- Mr Dan Gillespie – Independent Chair
- Ms Christine Edwards – The Myer Foundation and Sidney Myer Fund (represented by Kirsty Allen)
- Professor Peter Kanowski – The Fenner School of Environment and Society, ANU
- Mr Bruce Edwards – Commonwealth Department of the Sustainability, Environment, Water, Population and Communities (SEWPaC) (formally DEWHA) (represented by David Crea)
- Mr Joe Morrison – North Australian Indigenous Land and Sea Management Alliance (NAILSMA) (represented by Samara Erlandson)
- Dr Benedict Scambary – Northern Territory Aboriginal Areas Protection Authority (AAPA) (represented by Chris Capper)
- Dr Peter Whitehead – Independent consultant, formally at Northern Territory Department of Natural Resources, Environment and the Arts (NRETA)
- Ms Anna Morgan – SEWPaC
- Ms Justine Yanner – Northern Land Council (NLC)
- Dr Sue Jackson – CSIRO Tropical Ecosystems Research Centre
- Professor Jon Altman – Ex-officio, CAEPR, ANU
- Dr Seán Kerins – Ex-officio, CAEPR, ANU

COLLABORATIVE RESEARCH PARTNERSHIPS AND PROJECTS

In addition to the partnerships that have been developed with the seven Indigenous land and sea management groups, in 2010 the PoC project team has also established and maintained important research partnerships and collaborations with other researchers and projects, government agencies, private sector companies and non-government organisations. These include:

- ANU Climate Change Institute
- Bushfires NT
- Climate Change Research Centre at the University of New South Wales (UNSW)
- CSIRO Tropical Ecosystems Research Centre, Darwin
- Greening Australia NT
- Indigenous Water Policy Group (coordinated by NAILSMA; funded by the National Water Commission)
- Karrkad-Kandji Limited (KKL)
- Kakadu Research Advisory Committee
- Macquarie University (Indigenous Bio-Resources Group)
There are a variety of research projects currently underway at CAEPR that link directly to the PoC project. The researchers collaborate extensively, sharing knowledge and expertise, and co-authoring publications. These linkages bolster the PoC project by providing input about different facets of Indigenous land and sea management and in different contexts. The main collaborative projects are:

**Hybrid Economic Futures for Remote Indigenous Australia**

Jon Altman’s ARC Discovery Project ‘Hybrid Economic Futures for Remote Indigenous Australia’, is closely linked to the PoC project. Work on this project is currently focusing on issues related to water rights and climate change and utilisation of wildlife resources. Geoff Buchanan (CAEPR) is a PhD student on this project and this year he has been undertaking fieldwork about the utilisation of wildlife resources with the Bardi Jawi Rangers in the West Kimberly. He will be carrying out fieldwork with the Djelk Rangers from November 2010 to April 2011.

**Tropical Rivers and Coastal Knowledge (TRaCK) Network**

TRaCK is a consortium led by Charles Darwin University (CDU), the Commonwealth Scientific and Industrial Research Organisation (CSIRO), Griffith University, NAILSMA and the University of Western Australia. It is providing the evidence base and knowledge that governments, communities and industries need for the sustainable use and management of Australia’s tropical rivers and estuaries.

Dr Nanni Concu, Research Fellow at CAEPR is working on TRaCK project Theme Six: Economic Development Aspirations and Sustainable Futures. He is working with both Djelk and Dhimurrung Rangers to assess the options for developing an effective conservation and sustainable use economy in the region. Dr Jenny Koenig, based in Maningrida, worked on this project on a part-time basis until September. She has been replaced by John White. Bill Fogarty, Post-doctoral Fellow at CAEPR has also been assisting with this project since 1 November.

Currently the project is using CyberTracker to collect data on Aboriginal use of natural resources in the two IPAs. A survey has also been designed and distributed to residents and visitors to determine their use and activities within the IPAs. Jon Altman leads this project and he is also on the Advisory Committee for TRaCK project Theme 2.2: Indigenous Values and River Flow.

For more information on the project go to: [http://www.track.gov.au/](http://www.track.gov.au/).
Social Benefits of Aboriginal Engagement in Natural Resource Management in NSW

Janet Hunt, Fellow at CAEPR is currently investigating the links between Aboriginal involvement in sustainable management of country and Indigenous wellbeing in New South Wales (NSW). The research is sponsored by a grant provided to CAEPR by the NSW Department of Environment, Climate Change and Water (DECCW). Janet is working with Aboriginal groups at a number of sites throughout NSW to document the social, economic and environmental benefits of Aboriginal involvement in natural resource management activities and the necessary conditions to achieve these benefits more broadly.


Research Scholars

During 2010 the PoC project collaborated with a number of research scholars. During March and April 2010 CAEPR hosted undergraduate student Gwen Brown from the School of International Training at Gettysburg College, Pennsylvania. She came to CAEPR to undertake an independent research project into Indigenous land and sea management in the Northern Territory. She was supervised by Seán Kerins. This year collaboration continued with Ms Elodie Fache from the Centre for Research and Documentation on Oceania, University of Provence, Marseille, who is undertaking anthropological fieldwork with the Yugul Mangi Aboriginal Land and Sea Management Corporation and is being supervised in Australia by Jon Altman and Seán Kerins. In October Natalie Stalenberg joined CAEPR as an intern as part of the Masters in Applied Anthropology and Participatory development (MAAPD) at the ANU. She worked on a submission to the Australian Government’s draft Indigenous Economic Development Strategy and was supervised by Seán Kerins. During November and December Sam Bentley-Toon, a recent graduate in ecology from Oxford University, provided Emilie Ens support during fieldwork.

International Collaborations

In 2010 Jon Altman has been involved in an international collaborative project with researchers in Japan, focussing on Indigenous identity and traditional knowledge. In December he visited Japan and took part in the workshop 'Negotiation of indigenous identities—Comparative study on Indigenous people among national and international environments, at the National Museum of Ethnology, Minkapu, Osaka. He was also invited, and gave presentations at the University of Kobe on remote Indigenous development and at the University of Tsukuba where he took part in international seminar on traditional knowledge with other international speakers from Canada (see Seminars, Workshops and other Presentations section of this report). Whilst in Japan he also went the United Nations University - Institute of Advanced Studies (UNU-IAS) in Yokohama to meet with fellow researchers focussing on issues related to natural resource management and poverty alleviation.

This year Katherine May presented at three international conferences, in New Zealand, Germany and UK on research she has been carrying out with CAEPR colleague Nanni Concu, on Indigenous Protected Areas (see Seminars, Workshops and other Presentations section of this report).

Furthermore in October 2010 Emilie Ens went to South Africa and met with Louis Liebenberg the creator of the CyberTracker concept (See CyberTracker Applications for Indigenous Land and Sea Management section of this report).
RESEARCH PROJECTS AND ACTIVITIES

Following a recommendation from the evaluation of the PoC project undertaken at the beginning of 2010, there have been some changes made to project reporting. The nine research projects under the PoC project have now been consolidated into five and outputs and outcomes are now also reported against each PoC project partner as well as the individual research projects. The main reason for this is for clarification of reporting and to assist with future planning and monitoring of activities. Furthermore, the section on communication outputs now constitutes a research project in itself. This reflects the importance of communication methodologies to the outcomes of the project.

PROJECT PARTNERS

The next section provides highlights of the main activities undertaken with each of the seven PoC project partners during 2010.

Djelk Rangers

In 2010 Emilie Ens has been working extensively with the Djelk Women Rangers to monitor 12 selected wetlands in the IPA. The Rangers are using CyberTracker to record the impacts of feral animals, as well as carrying out water quality testing and installing star pickets to mark permanent photo points to document changes in ground cover over time. She also worked with the Women Rangers on a report detailing their buffalo culling and impact monitoring activities (see Publications section).

This monitoring will continue in order to determine the long-term impacts of feral animals and the effectiveness of the Djelk Rangers’ feral animal management strategies. Initial water quality testing results show that in the region of Budkorol—where the majority of buffalo have been culled this year—the health of the ecosystem is improving.


Jon Altman visited the Djelk Rangers in August. He spent time with Shaun Ansell (Djelk Ranger Coordinator), to facilitate a smooth transition of the PoC project and other CAEPR projects based in Maningrida, prior to Shaun’s departure from the position at the end of August.

In November Emilie Ens undertook further fieldwork with the Djelk Women Rangers, expanding the wetland monitoring project to include research into the health of Melaleuca trees; an essential species of the wetland flora that is under threat. Ecologist, Gill Towler and research assistant Sam Bentley-Loon also assisted with this fieldwork.

During early December Djelk Women Ranger Coordinator, Felina Campion, and two Women Rangers, Selma Campion and Jodie Kelly, were awarded fellowships under the CAEPR VIF scheme. The focus of their visit to ANU was to attend and present their work at the Ecological Society of Australia conference (see Other Activities section of this report).
In February Jon Altman, Yananymul Mununggurr, CEO Laynhapuy Homelands Association (LHA) Inc and Wanyubi Marika, Manager of Yirralka Rangers and Laynhapuy Indigenous Protected Area (IPA) presented at a Key Forum of the Sustainable Living Festival in Melbourne, titled *Homeland Heroes – remote Indigenous communities working on country*. The forum profiled success stories of remote Indigenous communities living and working on country in North East and Western Arnhem Land. They showcased the important work LHA and Yirralka Rangers and the Bawinanga Aboriginal Corporation (BAC) and the Djelk Rangers are doing in managing and protecting their land and sea country and maintaining their culture.

In August Emilie Ens visited the Yirralka Rangers to discuss achievements towards implementation of the Laynhapuy feral animal management plan and monitoring that she helped develop in 2008. Whilst there she worked with the Yirralka Miyalk (women) Rangers to develop a CyberTracker sequence for collecting data on traditional knowledge associated with seed collecting. She also discussed potential future projects including writing a paper titled: The role of women in Indigenous land and sea management, the current status and future recommendations.

In early November Emilie Ens and Fiona Shaw (Yirralka Miyalk Ranger Facilitator) submitted a grant proposal to the Bill and Melinda Gates Foundation. The proposal is for a bush medicine project in the Laynhapuy IPA. The project has three main aims; to improve community health status by enhancing contemporary use of traditional medicines; to raise awareness through mobile phone technology and to conduct medicinal testing of products with the aim of developing a small enterprise. Successful projects will be announced in March 2011.
Wanyubi Marika and Yananymul Mununggurr speak at the Sustainable Living Festival in Melbourne. Photo: Sustainable Living Foundation.

Yirralka Miyalk Rangers collecting seeds and documenting collections using CyberTracker. Photo: Emilie Ens.
Yugul Mangi Land and Sea Management Corporation

During 2010 Seán Kerins and Emilie Ens have been liaising with Ngukurr School and Yugul Mangi Aboriginal Land and Sea Management Corporation about developing linkages between cultural and natural resource management and the Northern Territory school curriculum. The aim is to integrate the application of land and sea management activities into core learning for students at Ngukurr School.

Three female rangers from Yugul Mangi Aboriginal Land and Sea Management Corporation planned to be visit CAEPR in the first half of 2010 for a workshop with PoC staff and educationalists to develop a course on land and sea management for students at Ngukurr school. But their visit had to be postponed on three occasions, because of adverse weather and because of ill health of the participants. The workshop will now take place at Ngukurr in 2011. This delay highlights some of the challenges of the project posed by remoteness.

In September, following the late wet season which restricted prior access, Emilie and the Yugul Mangi Rangers repaired the feral animal exclusion fences and continued with the ecological monitoring activities. Monitoring activities were repeated in November when more extensive plant surveys were conducted with the help of botanist, Gill Towler and research assistant Sam Bentley-Toon.

In September, the Yugul Mangi Rangers, with the help of Emilie Ens, received a grant of $10,000 from the Sidney Myer Fund to purchase new computers and CyberTracker units to facilitate administration of their land and sea management work. Emilie ran a preliminary training session on the use of CyberTracker software. The Rangers developed electronic data collection sequences for their Fee-For-Service weed control and mosquito collecting projects, for which they are only paid following proof of work. The use of CyberTracker makes data collection much easier and more reliable.
Warddeken Land Management Limited (LML)

In early March, Emilie Ens and the Manwurrk Rangers continued their research on frog species in the Warddeken IPA. They developed a local field guide which was later used in ad hoc frog surveys conducted during the annual Walk on Country, in July, which was attended by Rangers from Warddeken LML and the Djelk Rangers.

Following this in late March, two Manwurrk Rangers from Warddeken LML were awarded fellowships under CAEPR’s VIF scheme to visit Canberra and Sydney. Ray Nadjamerrek and Seraine Namundja spent two weeks working with representatives from the Australian Government, the National Herbarium in Sydney and the academic community. The visit provided them with the opportunity to discuss the land management work they have been doing as part of the PoC project. They met with the Director of the Botanic Gardens and Australian algae expert Tim Entwisle to study some of the algae specimens they collected during field work with Emilie Ens, some of which are undescribed species. They also had meetings with staff at CAEPR and spent time working with Kim McKenzie from the ANU Research School of Humanities and the Arts editing film footage they had recently recorded of their land management activities. Ray and Seraine met with Glenn Johnstone from the IPA and Parks Australia mapping section of SEWPAC to discuss the use of Geographical Information Systems (GIS) mapping in assisting with land management. They worked together to make maps of the Warddeken IPA.


In early June, five of the Manwurrk Women Rangers (including facilitator Georgia Vallance) attended the Northern Australian Indigenous Women’s Ranger Forum at Ross River. In collaboration with Emilie Ens, they delivered a CyberTracker skill sharing workshop for about 45 other Indigenous women from across northern Australia. (See section on Research Project: CyberTracker applications for Indigenous land and sea management, in this report).

In late June Emilie undertook fieldwork with Manwurrk Rangers, continuing research on the health of wetlands and the impacts of feral animals. They have now completed two full years of monitoring. In November Emilie, Gill Towler and Sam Bentley-Toon visited Warddeken LML and worked with traditional owners, young and old, of the Arnhem Plateau to document ethnoecological and botanical knowledge. They developed a 45 minute film featuring discussion of the knowledge and uses of approximately 40 plants found in the region. This project was driven by local elder Mary Kalkiwarra. Rangers participated by collecting herbarium specimens, taking photos, recording film footage and editing the film with the help of PoC staff. The Warddeken herbarium and e-herbarium were then updated with the information collected. This involved training of new Warddeken staff (mainly women) some of whom had not used a computer before.

In 2010 Emilie and Warddeken LML have continued to collaborate with the Macquarie University Indigenous Bio-Resources Group to investigate the medicinal properties of bush medicines. Funding is currently being sought to expand this project.
Dhimurru Rangers

In December Dhimurru Ranger, Daryl Lacey visited CAEPR and presented at the Ecological Society of Australia conference. He spoke about Dhimurru’s land and sea management activities, particularly their Yellow Crazy Ant Management Project. His trip was funded by the Remote Indigenous Participation Award Fund set up by Emilie Ens. (See Other Activities section of this report).

Garawa and Waanyi/Garawa Rangers

During August, Seán participated in three land management meetings with traditional owners of the Garawa and the Waanyi Garawa Aboriginal Land Trusts and the Northern Land Council in Doomadgee and Robinson River.

The meetings had two aims. First, to report on the past year’s fire activities in the Gulf and provide a basic understanding of climate change, carbon trading and the design of potential land use agreements (LUA) between traditional owners and their ranger groups. Second, to begin the land management plans for the next five years. The long-term land management planning process did not occur. This was because SEWPac had not yet notified the NLC of the outcome of the Waanyi/Garawa IPA application, which is essential for long-term planning on the Waanyi/Garawa Aboriginal Land Trust. Notification of the outcome is still pending.
RESEARCH PROJECTS

The main activities and outcomes associated with each of the six research projects in 2010 are detailed below.

Supporting Indigenous Environmental Management and Monitoring

This research aims to assist in the monitoring and management of impacts of feral animals and invasive weeds on Indigenous land by Indigenous land and sea managers. During the past three years PoC staff have been working with a number of project partners to develop a variety of ecological monitoring projects, management strategies, practical resources and training activities. The focus of PoC project activities on this particular project reflects the concerns of traditional owners and land and sea management groups about the impacts of feral and invasive species including buffalo, pigs and horses, on their country and its resources, particularly food resources.

During 2010 Emilie has spent 14 weeks in the field continuing two-way training and research on a range of projects related to the monitoring of wetlands and biodiversity and the impacts of feral animals. This is the second year of monitoring activities and preliminary results show significant variation in ecosystem health under different feral animal management regimes as well as the high biodiversity value of the land management regions under study. The PoC team and project partners have also established local flora and fauna collections to develop local understanding of the biodiversity assets of and threats to Country. This has resulted in the collection of at least 4 new taxa so far; namely three algae and one invertebrate species.

Since the start of this research there have been substantial developments in the skills and competencies of the rangers in monitoring and reporting of their land management activities and its outcomes. This is particularly apparent in their use of CyberTracker. Furthermore PoC partners have been able to expand their ranger programs with support and encouragement from PoC staff. For example, the Manwurrk Rangers of Warddeken LML have expanded to include more women rangers, increasing their involvement in PoC research activities. Plans are also under way to develop satellite Ranger groups in more remote parts of the IPA. This will substantially increase the monitoring, research and work capacity in the Warddeken IPA. Similarly, the Yugul Mangi Ranger’s capacity has also been substantially improved through their acquisition of two new computers, a new printer and three CyberTracker units with a small grant from the Sidney Myer Fund.

Emilie Ens has also been collaborating with the recently appointed NT Government ecologist, Alys Stevens, who is working with the Djelk and Warddeken Rangers to establish long-term biodiversity monitoring strategies.

In December 2010 Emilie Ens facilitated the third Western Arnhem Weeds Alliance (WAWA) meeting, at the Bowali Centre, Kakadu national park. The meeting was attended by representatives from Indigenous Ranger groups (Warddeken, Djelk, Mimal, Adjumarlarl, Kakadu), local mining companies (ERA and Cameco) and the NT Government Weeds Branch. The meeting aimed to build on the draft Central and Western Arnhem Grassy Weed Management Strategy by bringing together regional stakeholders and developing further training and management collaborations.
CyberTracker Applications for Indigenous Land and Sea Management

This overarching research project explores the use of CyberTracker software, handheld computers, global positioning systems (GPS) and geographic information systems (GIS) by Indigenous land and sea management organisations. PoC staff have assisted with training in the use of CyberTracker with project partners and have designed a number of location specific programs with them and senior Traditional Owners to assist with the collection of operational and environmental monitoring information.

During 2010 PoC staff have continued to engage in extensive and intensive training in the use of CyberTracker technology with PoC partners. Training has not only included how to use CyberTracker sequences but also how to create them using chosen questions, languages, images and sounds. The training has also involved learning how to interpret and use the data collected.

Throughout 2010 staff at SEWPaC have sought advice from Emilie Ens on the use of CyberTracker by Indigenous land and sea management groups. In February, she gave a presentation to staff in the IPA section, based on her use of CyberTracker technology and environmental monitoring with PoC partners. Since then, CyberTracker has been promoted as a tool to be used in IPAs Australia wide. Emilie continues to provide advice to the managers of the new Australian IPA CyberTracker program.

In June, Emilie Ens went to the Northern Australian Indigenous Women’s Ranger forum at Ross River, which was attended by approximately 130 women from across northern and central Australia. Most of the PoC partners were represented at the conference including Warddeken, Djelk, Yugul Mangi, Yirralka Miyalk and Dhimurrru Rangers. In collaboration with the Manwurrk Rangers from Warddeken LML, Emilie ran a CyberTracker skills sharing workshop based on the collection of Indigenous women’s land use information. The workshop was a great success and the women were inspired to use CyberTracker technology to expand their ranger work. Emilie also wrote a CyberTracker manual to accompany the workshop which is soon to be featured on the international CyberTracker website (see <www.cybertracker.org>).

With support from the Sidney Myer Fund’s small grant scheme, in 2010 the Yugul Mangi Rangers have been able to purchase three CyberTracker units and two new computers to process the data they collect. This has enabled the rangers to develop sequences to document their fee for service work and some of the work they are doing with Emilie Ens, which compliments training they are receiving from the NLC.

In October Emilie Ens met with Louis Liebenberg, the creator of the CyberTracker concept, in South Africa. They discussed the different uses of the technology in Australia and South Africa. Of particular interest were discussions about user bias, effective monitoring protocols, animal tracking certification and possible future technical issues. Emilie plans to host Louis in Australia in the coming year.
The primary aim of this project is to assist embryonic Indigenous land and sea management organisations that currently have little formalised governance to establish effective and appropriate governance arrangements. The inclusion of a diverse range of Indigenous land and sea management organisations as PoC project partners means that the experiences of more established groups that have developed strong governance arrangements can help inform the development of emergent groups.

Seán Kerins, along with the Northern Land Council, has developed an application to the IPA program with the traditional owners of the Waanyi/Garawa Aboriginal Land Trust, for funding for initial consultation on the possibility of declaring an IPA on their land. The application is currently being assessed by SEWPaC.

In August Seán carried out fieldwork with Garawa and Waanyi/Garawa Rangers. The aim of the visit was to assist with planning of the groups’ land management activities for the next five years. During Seán’s fieldwork, discussions focussed on proposed governance structures for on-going land management activities. Current governance reflects Aboriginal customary law where the traditional roles of ‘owners’ and ‘managers’ has primacy. Traditional owners are of the view that Aboriginal customary law should continue to be the primary method for governing their country, reflected through a land use agreement between traditional owners and their ranger groups. A LUA would provide security for the evolving fire project and any future income from carbon trading.
Well-being and Socio-economics associated with Indigenous Land and Sea Management

This research aims to document the contribution land and sea management projects make to Indigenous well-being. The aim is to explore Indigenous notions of well-being and to document both the direct and indirect benefits of living on, and caring for country. This research also aims to contribute to the evidence base on the socioeconomic outcomes from, and the sustainability of, customary and commercial utilisation of wild resources.

One of the main PoC project events in 2010 was the workshop held in Darwin on 2-3 November, which brought together representatives from partnering Indigenous land and sea management groups, project staff and members of the project steering committee and other affiliates. The Rangers’ participation in the workshop was funded by the Visiting Indigenous Fellowships (VIF) scheme.

The main aim of the workshop was to explore the partnering group’s notions of well-being and the wider social and economic benefits that they perceived as being generated by their land and sea management activities. This is a key issue that the PoC project aims to explore over the next 2 years. The workshop was facilitated by Dan Gillespie, PoC Steering Committee Chair. The 2010 PoC Steering Committee meeting was also held during this time. Three key themes emerged from the discussions about what underlies notions of well-being. These related to the importance of customary law and connections to Country, intergenerational knowledge transfer and landowner and community involvement in Indigenous land and sea management activities. Underpinning all the examples and stories from the groups was the perceived binding connection between the well-being of the environment and the well-being of people.

A variety of approaches were suggested to document the wider benefits from land and sea management activities such as educational outcomes from youth involvement, individual employment outcomes, and the wider activities the Rangers undertake in their communities and regions and communities perceptions of this. In the coming year the PoC project researchers will be working with each individual partner group to identify and research the different benefits of their work on which they wish to focus. The workshop also provided a forum to discuss the opportunities and challenges currently facing the partner groups and how the PoC project can continue to align its applied research activities with their priorities and aspirations in mind.

The full workshop report will soon be available on the PoC website:


Participants at the PoC Workshop in Darwin, November 2010. Photo: Katherine May, CAEPR.
In May, Seán Kerins, Katherine May and CAEPR colleague Kirrily Jordan visited PoC partners Yirralka Rangers and LHA. The aim of the visit was to look at some of the direct and indirect benefits of living and working on country and some of the factors that may be promoting or inhibiting this. One of the main focuses of the visit was on the impact of changes to the Community Development Employment Projects (CDEP) program.

Jon Altman along with CAEPR colleagues Nick Biddle and Geoff Buchanan is undertaking analysis of the National Aboriginal and Torres Strait Islander Social Survey (NATSISS) 2008 on wildlife harvesting and cultural production for exchange.

Jon Altman has continued his efforts to advocate for the retention of the Community Development Employment Projects (CDEP) program, working as an advisor to the Aboriginal Peak Organisations of the NT (APONT). It is in the process of being reformed in a manner that will be deleterious to both ranger programs, like those participating in the PoC project, and to the populations living on homeland/outstations, which is of vital importance for the environmental management of large areas of remote and biodiversity rich Australia. Jon has written extensively on the impact of CDEP reform, particularly on Indigenous unemployment rates (see Publications and Media Engagement sections).

Strengthening Policies and Investment for Indigenous Land and Sea Management

This overarching research project aims to identify and analyse support for Indigenous land and sea management. The focus is on Government funded programs such as the Commonwealth Government’s IPA and Working on Country (WoC) programs as well as on support from philanthropies, NGOs and the private sector.

During 2010 Katherine May and Nanni Concu have been carrying out research on Indigenous Protected Areas, focussing particularly on interplay of ecological, political, social and cultural factors in IPAs. A number of PoC partner IPAs were used as case studies. This research will be published in early 2011.

In early 2010 the Karrkad-Kandji Limited (KKL)—a company limited by guarantee—was set up with the purpose of acting as trustee of the Karrkad-Kandji Charitable Trust, established to protect, restore and enhance the natural environment of West Arnhem Land. Jon Altman is a Director of KKL and is currently the Secretary. KKL is exploring innovative ways to raise resources to support the land management activities of PoC partners Warddeken LML and the Djelk Rangers that respectively manage the Warddeken and Djelk IPAs. In March the Board of KKL met for the first time and again in May 2010 when they were provided with fundraising training from a team led by Rod Vogel from The Nature Conservancy in Maine, USA. The Board are due to meet again in early 2011.

In January Jon Altman, along with other CAEPR colleagues submitted a Discovery grant proposal to the Australian Research Council titled: From welfare to work, or work to welfare: Will reform of an Aboriginal development program help close the employment gap? Confirmation of funding has recently been received and the project will run from 2011 to 2013. It will focus on the impacts of CDEP reform on the land and sea management activities of a number of PoC partners.

In July Jon Altman, Katherine May, Seán Kerins and Nanni Concu met with Marcus Sandford from the IPA section of DEWHA to discuss the IPA program and its future direction.

In September and October Jon Altman and Katherine May met with Claudio Sissa, consultant to EcoTrust Australia to provide advice on investment in Indigenous land and sea management in Australia.
In October, Jon Altman provided advice to Colin Carter, Australian Government Ambassador for Indigenous Business Action, on development issues in remote Australia.

In November, Katherine May and CAEPR colleagues Nanni Concu and Janet Hunt met with Elizabeth Wedgewood from the Australia Audit Office to provide input to the audit of the administrative effectiveness of the IPA program, which they are undertaking.

OTHER ACTIVITIES

National Environmental Research Program (NERP)

During 2010 Jon Altman has been a participant in the development of the National Environmental Research Program proposal for a Northern Australian Biodiversity Hub with colleagues at CDU, CSIRO, NAILSMA and others. This bid was successful and will be funded from 2011-2015. Jon Altman will co-lead a project on Indigenous natural resource management and livelihoods with Sue Jackson from CSIRO. This will build on research carried out on the PoC project, with work continuing with some of the PoC partners.

Ecological Society of Australia Conference & Remote Indigenous Participation Award

At the beginning of December representatives from PoC project partners and other Indigenous land and sea management groups from across remote Australia participated in the 50th Ecological Society of Australia (ESA) conference in Canberra. Emilie organised a one-day symposium titled ‘Combining Indigenous and Western ecological knowledge for future land management solutions’. The symposium was attended by more than 60 people and aimed to raise awareness of the work of Indigenous Rangers in the broader Australian and International ecology/land management network of researchers and practitioners as well as to introduce the Rangers to the work of other ecologists/land managers.

To facilitate Indigenous participation in the 2010 ESA Conference Emilie Ens set up the Remote Indigenous Participation Award Fund. Support for this fund was generously provided by the Sidney Myer Fund, CAEPR’s VIF scheme, the NRM Board (NT), The Fenner School (ANU), the National Centre of Indigenous Studies (ANU) and the ANU registrar. Following this successful symposium an ESA Indigenous support working group will also be established to encourage increased participation of Indigenous ecologists and land managers in the Society and its national and international activities.

During the symposium 17 presentations were heard about innovative ways Indigenous and non-Indigenous people are working together on ecological projects. Representatives from two PoC project partners received RIPA funding to attend the conference. Daryl Lacey, Dhimurru Senior Special Operations Ranger presented on their Yellow Crazy Ant Management Project with Ben Hoffmann from CSIRO. Three Djelk Women Rangers, Felina Campion, Selma Campion and Jodie Kelly presented on the ecological surveying work they are doing with Emilie Ens including billabong monitoring. They delivered their presentation through a film that they produced with Emilie Ens and Sam Bentley-Toon. They spoke in Kune language and added subtitles. The film was a very effective way of explaining what they do and was extremely well received at the conference.

During the conference CAEPR also hosted a lunch for the visitors who received RIPAs, CAEPR staff and other partnering organisations attending the conference. This informal discussion focussed on the issues facing Indigenous land and sea management groups from different parts of Australia.

A Kunwinjku plant names and bush tucker lesson from Mary Kalkiwarra in the Warddeken IPA. Photo: Sam Bentley-Toon.

Manwurk Ranger Carol Pamkal showing how to strip Acacia bark for use in honey gathering in the Warddeken IPA. Photo: Emilie Ens.
Following a recommendation from the PoC evaluation, Memoranda of Understanding (MoU) between CAEPR and PoC project partners are being drafted. So far Dhimurru, Laynhapuy Homelands Association (Yirrkala Rangers), Warddeken LML and Bawinanga Aboriginal Corporation (Djelk Rangers) have signed the MoUs.

Seán Kerins facilitated discussions between the Northern Land Council and Te Ohu Kai Moana in New Zealand regarding a tour by a Northern Territory (NT) delegation to New Zealand.

Seán Kerins initiated an invitation from the Fest' Napuan Association (Vanuatu Cultural Centre) to Laynhapuy Homelands Association and Garrangali, to attend a major music festival in Vanuatu in November 2011. Garrangali is a recently established Yolngu band and most of the 12 band members are Yirrkala Rangers. Seán also facilitated discussions between Music NT and Fest’ Napuan Association to identify two other Indigenous bands from the Northern Territory to participate in the festival in years 2012-13. The aim of this is to develop networks between Homelands/Outstation residents and the emerging pacific music industry.

Participants at the CyberTracker skill-sharing workshop at the Northern Australian Indigenous Women’s Ranger forum at Ross River in June. Photo: Emilie Ens
COMMUNICATING THE PROJECT

The PoC project uses a variety of means to communicate its findings in order to inform the policy, Indigenous, academic and broader communities about the project and the important issues that it deals with. This is being done through:

- Publications, including Project Reports, Newsletter and Community Reports
- Submissions and evidence to inquiries
- Seminars, Workshops and other Presentations
- Engagement with the media
- PoC Project Website

PUBLICATIONS

PoC Project Reports and Newsletters

*People on Country Newsletter* Vol. 2 No. 2, Dec 2010, compiled and edited by Katherine May

*People on Country Newsletter* Vol. 2 No. 1, May 2010, compiled and edited by Katherine May

People on Country Evaluation Report, March 2010,

*People on Country 2009 Annual Report*, compiled and edited by Katherine May

**Jon Altman**


‘Alternate development for Indigenous territories of difference’ *Australian Options*, 63 Summer 2010/11: 12–15


Jon Altman and Bill Fogarty


Jon Altman and Melinda Hinkson


Jon Altman and Melinda Hinkson (eds)


Sue Feary, Peter Kanowski, Jon Altman and Richard Baker


Ens, E. J., Cooke, P., Nadjamerrek, R., Namundja, S., Garlingarr, V., and Yibarbuk, D


Ens, E. J., Daniels, C., Thompson, W., Ponto, S., Rogers, K., Roy, J., Dixon, P., and Nelson, E.

Combining Indigenous ecological knowledge and western science to study the decline in fruit production of a favoured bush tucker shrub, Djutpi, near Ngukurr, Northern Territory. Ecological Management and Restoration 11(2): 146–147.

Bulliwana, K., Namundja, S. Ens, E. J. and Vallance, G.


Sean Kerins


Katherine May


Katherine May, Shaun Ansell and Jennifer Koenig


Other Related CAEPR Publications

Janet Hunt


REPORTS

Jon Altman

Confidential briefing for Karrkad-Kandji Limited (KKL) Directors on prospective funding sources, May 2010.

Emilie Ens

Four way University education in the bush: Ideas on a Foundation degree for remote Indigenous land and sea management. Report to the ANU Pro Vice Chancellor (Education).

How to make and use a Women’s Land Use CyberTracker sequence. Workshop manual for NT Women’s Land and Sea Management Forum, Ross River, NT.

Campion, F., Campion, S., England, J., Gulwa, H., Richards, S., Rostron, T., Kelly, J and Ens, E. J.

Buffalo Culling and Wetlands Monitoring. Report to Djelk Rangers

Bulliwana, K., Namarnyilk, E., Namundja, S. Vallance, G. and Ens, E. J.

Warddeken Frog Field Guide. Report to Warddeken LML.

Kalkiwarra, M. with Ens, E. J.

Reviving the Indigenous collection and production knowledge of an Arnhem Plateau staple food, manbulkung. Report to Warddeken LML
SUBMISSIONS AND EVIDENCE TO ENQUIRIES

Jo n Altman


Jon Altman was invited to provide comments to two reports: Wild River Policy: Likely Impact on Indigenous Well-being and Wild Rivers Policy: Likely Impact on Sustainable development authored by The Anglican Social Responsibilities Committee (ASRC) on behalf of the Anglican Diocese of Brisbane.

Se án Kerins

Seán provided input into the UN Economic and Social Council Permanent Forum on Indigenous Issues (FII), report on Indigenous Fishing Rights in the Seas with Cases Studies from Australia and Norway (E/C.19/2010/2).

Seán has been liaising with FaHCSIA regarding homelands/outstations in border regions. This is because the current policy model of hubs and spokes does not take into consideration traditional owner groups whose country is split by State/Territory borders. This is an issue for the traditional owners of the Waanyi/Garawa ALT who own land in the NT but are resident in Queensland. The key issue here is that the community (or hub) is located in Queensland while the related outstations (spokes) are in the NT. This raises very difficult questions in relation to service delivery and issues of responsibility between State and Territory governments.

Seá n Ker ins a nd Ki r rily J OrdAn


Katherine May and Janet Hunt

In November Katherine and Janet provided comment on the paper: Australia’s NRM Governance System. Foundations and Principles for Meeting Future Challenges, published by the Australian Regional Natural Resource Management (NRM) Chairs.
SEMINARS, WORKSHOPS AND OTHER PRESENTATIONS

Jon Altman


Discussant for ‘Intercultural governance’ and ‘Regional collaboration and resource management’ sessions, Unsettling the Settler State: Creativity and Resistance in Indigenous Settler-State Governance workshop, Academy of the Social Sciences in Australia and Australian Political Studies Association, University of New South Wales, Sydney, 22 February.

Presenter, Writing master class, Unsettling the Settler State: Creativity and Resistance in Indigenous Settler-State Governance workshop, Academy of the Social Sciences in Australia and Australian Political Studies Association, University of New South Wales, Sydney, 23 February.

‘People on Country, Healthy Landscapes and Indigenous Economic Futures’ Presentation to Sidney Myer Fund, Poverty and Disadvantage Committee for refunding of PoC project, 24 February.


‘From Kunnanj (Fish Creek) to Mumeka (Mann River): Hunter-gatherer tradition and transformation in Western Arnhem Land’, 1948–2009, Anthropology Program seminar series, ANU, 19 May.


‘The population and management of the Indigenous estate: An exploration of commensurability between Indigenous and national environmental values and interests; or Peopling the Indigenous estate in Aboriginal and national interests’, Hawke Research Institute, University of South Australia, Adelaide, 2 September.

‘The hybrid economy and remote Indigenous Australia: ‘Utopian’ versus ‘reality-based’ development, Producing Regions Masterclass, University of South Australia, Hawke Research Institute, Adelaide, 3 September.


‘The hybrid economy as alternate development in remote Indigenous Australia’, Lecture to Kobe Anthropological Society, Graduate School of Intercultural Studies, University of Kobe, Japan, 2 December.


‘Fresh water in West Arnhem, North Australia: Aboriginal/State contestation over property rights and values’, Department of Sustainable Environmental Studies, paper presented at workshop: The establishment of traditional knowledge/wisdom database for community-based environmental management, Graduate School of Life and Environmental Studies, University of Tsukuba, Japan, 6 December.

JON ALTMAN, EMILIE ENS, SEÁN KERINS AND KATHERINE MAY

In February, PoC project staff convened a workshop with Dr Dermot Smyth to discuss the evaluation of the PoC project.

EMILIE ENS


CyberTracker skill sharing workshop at Indigenous Women’s Ranger conference, Ross River, June.

‘Transforming paper data sheets to electronic data sheets for existing Fee-for-Service projects. Yugul Mangi CyberTracker workshop, Ngukurr, 9–10 September

‘Looking back to move forward: 2-way land management in Arnhem Land’, presentations at the 50th anniversary Ecological Society of Australia Conference, Canberra, 6–10 December

Co-convenor of Ecological Society of Australia Conference symposium ‘Combining Indigenous and Western Ecological Knowledge for Future Land Management’ and Indigenous engagement forum, 7 December.

SEÁN KERINS

‘Indigenous Land and Sea Management’ Lecture on the course Resources, Environment and Society: Geography of Sustainability program (ENVS1001), Fenner School of Environment and Society, ANU, 16 March.

‘Who do you think you are talking to? Indigenous Australia’, presentation to staff at the Department Agriculture Forestry and Fisheries, 19 March.

‘Indigenous land and sea management programs in northern Australia’, presentation to Indigenous students from Macquarie University, 20 July.
'Indigenous Disadvantage', lecture on the course Unravelling Complexity (Vice Chancellors PG6001), ANU, 30 August.

'Cultural and Natural Resource Management' Lecture on the course on Indigenous Development on the Masters in Applied Anthropology and Participatory Development (MAAPD), ANU, 15 September.

**Katherine May**

'Institutional and ecological scales of Indigenous Protected Areas in Australia: A critical analysis', presented at the New Zealand Geographical Society Conference, with the Institute of Australian Geographers, Christchurch, 6–8 July.


**Katherine May and Nanni Concuc**


**MEDIA ENGAGEMENT**

**Jon Altmans**


‘Indigenous health policy’ ABC Darwin, 10 May


'Indigenous unemployment and CDEP reform, Triple J Radio, 8 July.


'Indigenous services in dire need of holistic approach' Letter to the Editor, Canberra Times, 8 Oct


'Payment for environmental services on the Indigenous estate' ABC South Coast WA (Albany), ABC Goldfields WA (Perth), ABC Midwest (Geraldton), ABC Darwin, 13 Oct.


'The viability of remote Aboriginal communities', ABC North West WA, 19 Oct.


EMILIE ENS

'Arnhem Land Rangers visit Sydney’, Sydney Central, 7 April


SEÁN KERINS


POC PROJECT WEBSITE

Since its launch in 2008 the PoC project pages of the CAEPR website have continued to grow steadily in terms both of document downloads and overall traffic. The PoC web presence constitutes a key part of the project’s communication and outreach strategy. In 2010 a new PoC project website has been launched, along with the main CAEPR website. It provides more easily accessible in-depth information on the project’s activities and outputs as well as profiling the work of the project partners. It features streaming video from PoC partners working on country and carrying out PoC fieldwork activities; slide galleries of ranger work; and streaming audio of CAEPR seminars. Developed in liaison with PoC project partners, the website also
acts as a resource for Indigenous land and sea managers participating in the project, providing them with a web presence that aims to ensure that they can be seen and heard by policy makers, other land and sea managers, researchers, students and the general public (see <http://caepr.anu.edu.au/poc/index.php>).

Total traffic on the CAEPR website in 2010 totalled 1,030 gigabytes (approximately one terabyte), an 11 per cent increase on the 2009 total of 926 gigabytes. Included in this total were some 438,000 PDF document downloads. Of these, 7,500 downloads were PoC-specific documents—notably partner summaries, topic guides, reports and newsletters. However, a large number of other documents— including Working Papers, Topical Issues, newsletters, and staff journal articles—are also directly or indirectly outputs from or resources for PoC.

**FUTURE PLANS**

In 2011 the PoC project will continue with the monitoring projects, analysing and interpreting the data collected and writing up preliminary results. Reports will continue to be written with the rangers to develop their reporting skills and these reports will be distributed to traditional owners. Academic papers will also continue to be written outlining the results and outcomes of the projects including the nature of the collaborative research and the techniques used.

Research will continue on governance issues, particularly with the Garawa and Waanyi/Garawa Rangers, as well as on analysing government support for Indigenous land and sea management, and on building the profile of PoC partners and their work. In 2011 environmental monitoring fieldwork will continue but there will also be a focus on documenting the direct and indirect social and economic outcomes associated with Indigenous land and sea management. Following the workshop in November the PoC Team now have preliminary insights into PoC partners notions of well-being and its links to Indigenous land and sea management. This will guide the approach the PoC team will take to this element of the project. In early 2011 PoC researchers will be working with each individual partner group to identify and research the different benefits of their work on which they wish to focus.

In 2011 the PoC project will be utilising funds from the VIF scheme to host a number of rangers from partner organisations in Canberra. In January two Rangers from Warddeken IPA, Barbara Garwalwal and Victor Garlingarr will be visiting Canberra to participate in the CSIRO/ National Herbarium botanical internship. During this time they will also write a paper with Emilie Ens on plant conservation on Aboriginal Lands.

In early 2011 PoC project staff plan to facilitate a Women Rangers workshop focusing on the work of women Rangers, perceptions of this work, current roles and expectations and future developments. VIF funds will be drawn on for this workshop and the findings will be written up in a paper.

In March 2011 Jon Altman will be a Distinguished Visitor at the University of Auckland and in May and June he will be at the University of Manchester as the Hallsworth Visiting Professor. During his time at these institutions, as well as at the Universities of Radboud, Nijmegen, Holland, at the Centre for the Study of International Relations at the Institute of Political Studies, EHESS (Ecole des Hautes Etudes en Sciences Sociales), Paris and at the Centre for Research and Documentation on Oceania (CREDO), University of Provence, Marseille, he will be collaborating with international experts and will present research findings from the PoC project.

Next year PoC researchers will also begin to develop plans for synthesising research findings on the role of natural resource management in Indigenous development, drawing insight from the project.
APPENDIX A: FINANCIAL STATEMENT

STATEMENT OF INCOME AND EXPENDITURE

For the period 01 December 2009 to 30 November 2010.

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Period ($)</th>
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<tr>
<td>Unspent Balance as at 01 December, 2009</td>
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<tr>
<td>Total Income</td>
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<td>Total Available Funds Before Expenditure</td>
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<td>Salaries &amp; Related Costs</td>
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<td><strong>Total Expenditure</strong></td>
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<tr>
<td>Unspent Balance as at 30 November, 2010</td>
<td>10,661.62</td>
</tr>
</tbody>
</table>

I certify that the above statement accurately summarises the financial records of the grant and that these records have been properly maintained so as to record accurately the Income and Expenditure of the grant.

Lorraine Piper
Senior Accountant
Special Purpose Funds
The Australian National University