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## WELCOME

We are pleased to announce the seminar “Bridging the Research-Policy Divide in public health and environment and Asia”, to be delivered on Thursday, 28 May, from 12.30p-2p in the Bob Douglas Lecture Theatre at the National Centre for Epidemiology and Population Health. This seminar features six public health and environment researchers from China, India, Pakistan, The Philippines and Thailand, who will present the results of their work during a six week fellowship at ANU supported by the AusAID Australian Leadership Awards Fellowships program. We hope you can join us.

Gabriele Bammer and Caryn Anderson

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## NEWS & EVENTS

### **28 May 2009, 12.30p-2p "Bridging the Research-Policy Divide in public health and environment in Asia": A seminar by AusAID Australian Leadership Awards Fellows**

Arif Goheer, Mary Elizabeth Miranda, Kashif Salik, Gyaneshwar Singh, Sam-ang Seubsman, and Guojie Wang, AusAID Australian Leadership Awards Fellows

Thursday, 28 May 2009

12.30 – 2.15 pm

Bob Douglas Lecture Theatre, Building 62

Corner of Eggleston and Mills (entrance on Eggleston)

<http://campusmap.anu.edu.au/largemap.asp>

Six public health and environment researchers from China, India, Pakistan, The Philippines and Thailand will present the results of their work during a six week fellowship at ANU supported by the AusAID Australian Leadership Awards Fellowships program. The course focused on enhancing expertise and collaborations to bridge the research-policy divide in the areas of climate change, pandemics and health transition. During the six weeks the fellows developed policy briefs based on their research and action plans for implementing them, along with case studies of previous research translation experiences. The seminar will highlight lessons learned in the program and key messages from the policy briefs around food security and climate change, multi-drug resistant tuberculosis, urban health, and integrated animal and public health strategies.

At the end of the seminar the Fellows will be presented with their certificates marking their successful completion of the program.

A National Centre for Epidemiology and Population Health (NCEPH) Seminar  
RSVP to Fran Blackburn, [fran.blackbourn@anu.edu.au](mailto:fran.blackbourn@anu.edu.au), 02.6125.0460

### **REPORT: MASTERCLASS: Thursday, 7 May 12-5pm, Dr Polly Ericksen, Participatory Scenarios as a Tool for Planning Climate Change and other Adaptation, Drawing Room, University House**

This half day master class for higher degree by research (HDR) students introduced participants to a number of issues involved in appropriately using scenarios. The use of scenario exercises for helping decision makers to design robust strategies in the face of multiple uncertainties has been growing across a variety of settings and issues. The program could not accommodate all the applicants and the evaluations of the 25 who were accepted were very strong. Some comments from participants included: "intensive but fascinating and clearly presented", "content is deep, but applicable to wide range of disciplines", "[provided me with] greater understanding of participatory research methods", "The speaker was excellent and I really enjoyed chatting with people from different disciplines."

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**REPORT: ANU PUBLIC LECTURE: Monday, 11 May 4.30-5.30pm, Dr Polly Ericksen, Vulnerability of Food Systems to Global Environmental Change, Forestry Lecture Theatre, Fenner School of Environment and Society, Building 48, Linnaeus Way, ANU**

Food security is obviously vulnerable to the impacts of climate change. Yet assessing the vulnerability of broadly described food systems to a host of global environmental changes requires a holistic, synthetic approach. Much of the existing literature on vulnerability assessment focuses on either social or ecological systems, and conceptual gaps limit the holistic evaluation of linked systems, in which both social and ecosystem outcomes are important and feedbacks across scales are prevalent. The Global Environmental Change and Food Systems (GECAFS) project has developed an approach which integrates across a food system to assess its vulnerability to environmental change, focusing on key processes and system characteristics. Dr Polly Ericksen described the approach in detail in this lecture.

Presentation materials available from the Integration and Implementation Sciences website events page: [http://www.anu.edu.au/iisn/event/index.php?action=single\\_events](http://www.anu.edu.au/iisn/event/index.php?action=single_events)

**REPORT: NCEPH SEMINAR: Thursday, 14 May 12.30-1.30pm, Dr Polly Ericksen, Food aid, supermarkets or victory gardens: Challenges for managing food systems in an environmentally-constrained world, Bob Douglas Lecture Theatre, National Centre for Epidemiology and Population Health (NCEPH), The ANU (entrance via Eggleston Road)**

Food security is a policy concern everywhere, as the price increases of 2008 reminded us. As global environmental challenges such as climate change and land degradation increasingly constrain production, decision makers are faced with difficult choices between the inevitable tradeoffs in food system outcomes. In this seminar, Polly Ericksen highlighted how these challenges are central to considerations of adaptation strategies to enhance food security in the face of climate and other global environmental changes.

Presentation materials available from the Integration and Implementation Sciences website: [http://www.anu.edu.au/iisn/event/index.php?action=single\\_events](http://www.anu.edu.au/iisn/event/index.php?action=single_events)

## New Conference Announcements

- 5-8 January 2010, 43<sup>rd</sup> Hawai'i International Conference on Systems Sciences, Koloa, Hawai'i, USA ([http://www.hicss.hawaii.edu/hicss\\_43/apahome43.htm](http://www.hicss.hawaii.edu/hicss_43/apahome43.htm))

## Upcoming Conference Reminders

- 1-5 June 2009, 2nd Chaotic Modeling and Simulation International Conference (CHAOS2009), Chania, Crete, Greece ([www.chaos2009.net](http://www.chaos2009.net))
- 4-5 June 2009, 1<sup>st</sup> European Conference on Sustainability Transitions, Amsterdam, The Netherlands (<http://www.ksinetwork.nl/conference2009/>)

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- 29 June – 3 July 2009, International Conference on Human Ecology, Society for Human Ecology, Manchester, UK (<http://www.societyforhumanecology.org/>)
- 2-5 July 2009, Earth Charter Day Academic Conference 2009, Eindhoven, The Netherlands (<http://www.ecdac2009.org/>)
- 5-8 July 2009, 15<sup>th</sup> Annual International Symposium on Society and Resource Management, Vienna, Austria (<http://www.issrm09.info/>)
- 5-8 July 2009, 15<sup>th</sup> Annual International Sustainable Development Research Conference, Utrecht, The Netherlands (<http://www.environmental-expert.com/resultEachEvent.aspx?cid=7302&codi=3465&idproducttype=3&level=0&section=7>)
- 8-11 July 2009, Fourth International Conference on Interdisciplinary Social Sciences, Athens, Greece (<http://i09.cgpublisher.com/>)
- 10-13 July 2009, 2<sup>nd</sup> International Symposium on Academic Globalisation, Orlando, Florida, USA (<http://www.iiis2009.org/wmsci/website/default.asp?vc=22>)
- 12 July 2009, International Joint Conference on Artificial Intelligence (IJCAI) Workshop on Social Simulation, Pasadena, California, USA (<http://ss-ijcai2009.di.fc.ul.pt/>)
- 12-17 July 2009, International Society for the Systems Sciences, Brisbane, Australia (<http://www.iss.org/world/brisbane-2009>)
- 13-17 July 2009, MODSIM09 – International Congress on Modelling and Simulation, Cairns, Australia (<http://mssanz.org.au/modsim09/>)
- 14-15 July 2009, Insider Voices: Human dimensions of low carbon technology conference, Bath, UK, contact [kat21@management.bath.ac.uk](mailto:kat21@management.bath.ac.uk). The conference will provide essential learning, practical support and cross-sector networking for policymakers, local authorities, businesses and activists - in fact, anyone interested in bridging the policy/practice gap and acting now for a low carbon future.
- 20-23 July 2009, ICOSE09 – 19<sup>th</sup> Annual International Symposium, International Council on Systems Engineering, Singapore (<http://www.incose.org/symp2009/>)
- 25-27 August 2009, Towards Knowledge Democracy - Experience the cutting edge of synergies between science, politics, society and the media, Leiden, The Netherlands (<http://www.knowledgedemocracy.nl>)
- 10-12 September 2009, OR51, The OR Society (Operational Research), Warwick, UK ([http://www.orsoc.org.uk/orshop/\(rnjaegrae3uyls455sewruj2\)/orcontent.aspx?inc=or51\\_main.htm](http://www.orsoc.org.uk/orshop/(rnjaegrae3uyls455sewruj2)/orcontent.aspx?inc=or51_main.htm))
- 14-18 September 2009, 6th Conference of the European Social Simulation Association Conference, Univ. of Surrey, Guilford, UK (<http://cress.soc.surrey.ac.uk/essa2009>)
- 18-20 November 2009, 8th International Transformative Learning Conference, Bermuda (<http://transformativelearningbermuda.com/>)
- 19-21 November 2009, td-conference 2009: Integration in Inter- and Trans-disciplinary Research, Berne, Switzerland (<http://www.transdisciplinarity.ch/e/Conference/international/2009/>)

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## CALL FOR PAPERS

### Call for Papers on Collaborative Modeling and Processes and Systems for Collaboration Support

For the 43<sup>rd</sup> Hawai'i International Conference on Systems Sciences, 5-8 January 2010.

Of the many tracks at the conference the following may be of particular interest to ANU Integration Network members:

***Collaborative Modeling*** – “Modeling is a basic skill and practice in various disciplines. Modeling requires complex analytical skills. Various modeling methods and techniques are used in business and research, and they are often used as a vehicle for communication. However, often models are made by individuals. Collaborative modeling is challenging because it requires groups to create a very sophisticated level of shared understanding. Collaborative modeling has been practiced in various domains such as business process modeling, system dynamics, problem structuring methods, software engineering, gaming, simulation, etc. In each of disciplines it is vital that groups create joint models to achieve shared understanding of the concepts they design. This minitrack invites experiences and research focused on collaborative approaches to modeling.”

Manuscript submission deadline: 15 June 2009

For more information: see [http://www.hicss.hawaii.edu/hicss\\_43/minitracks/cl-cmo.htm](http://www.hicss.hawaii.edu/hicss_43/minitracks/cl-cmo.htm)

***Processes and Systems for Collaboration Support*** – “Recent data show that collaboration is a key driver of performance in organizations. The impact of collaboration on organizational performance is more critical than strategic orientation or market and technological turbulence. Yet successful collaboration does not come without difficulty. Groups and teams need to overcome collaboration challenges such as groupthink, dominance, lack of efficiency and lack of focus. Successful collaboration requires support based on purposeful guidance and interventions to create groups and teams, to design and deploy processes, to design and deploy technology, to support leaders or facilitators, and to improve the efficiency and effectiveness of information processing. The challenge for researchers and practitioners alike is to design sustainable processes and systems within and between organizations that allow people, groups and teams to collaborate successfully. This challenge has many dimensions, including a technical, a behavioral, a social, an emotional, an economical, and a political. This minitrack invites papers that address the design and deployment of collaboration processes and systems within and between organizations, groups, and teams.”

Manuscript submission deadline: 15 June 2009

For more information: see [http://www.hicss.hawaii.edu/hicss\\_43/minitracks/cl-psc.htm](http://www.hicss.hawaii.edu/hicss_43/minitracks/cl-psc.htm)

### Call for Papers for *Sustainability Science*

Sustainability Science fuses the natural sciences, social sciences, and humanities together to probe the dynamics of global-social-human systems and the complex mechanisms that lead to their degradation. The aim of the journal is to create an interdisciplinary academic structure and encourage

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analyses across systems including: global systems comprising natural resources, energy, and ecosystems that support human life; social systems comprising national economies, governments, industries, and technological structures; and human systems comprising individual lifestyles, health, security, safety, and human values.

The journal welcomes the following submissions that provide science-based predictions and impact assessments of global changes:

- Original and Overview Articles
- Technical and Case Reports
- Review Articles
- Notes / Comments

Manuscript submission deadline: 15 June 2009

For more information: see <http://www.springer.com/environment/environmental+management/journal/11625>

## JOURNAL PROFILE

### *Sustainability Science*

*"Sustainability Science* probes interactions between global, social, and human systems, the complex mechanisms that lead to degradation of these systems, and concomitant risks to human well-being. The journal provides a platform for building sustainability science as a new academic discipline which can point the way to a sustainable global society by facing challenges that existing disciplines have not addressed. These include endeavors to simultaneously understand phenomena and solve problems, uncertainty and application of the precautionary principle, the co-evolution of knowledge and recognition of problems, and trade-offs between global and local problem solving. The journal promotes science-based predictions and impact assessments of global change, and seeks ways to ensure that these can be understood and accepted by society. Sustainability Science creates a transdisciplinary academic structure and discovery process that fuses the natural sciences, social sciences, and humanities."

\* Website: <http://www.springer.com/environment/environmental+management/journal/11625>

\* Impact factor: N/A (new journal, 1<sup>st</sup> issue October 2006)

## ABOUT ANU INTEGRATION NEWS

This newsletter aims to share updates on events, visitors, activities, opportunities and resources among ANU staff and students with an interest in research integration (or inter- or trans-disciplinarity). In addition to current information, each issue will also highlight a relevant journal and professional society.

Back issues are available at [www.anu.edu.au/iisn](http://www.anu.edu.au/iisn). To contribute material or to subscribe or unsubscribe from the newsletter, please contact Caryn Anderson at [caryn.anderson@anu.edu.au](mailto:caryn.anderson@anu.edu.au).