

APSTSNetwork News: July 2011

Newsletter of the Asia-Pacific Science, Technology and Society Network

FROM THE CONVENOR – Richard Hindmarsh

Welcome to our second newsletter of 2011. No doubt you'll be pleased to know that our membership is steadily increasing to the **190** mark (which increased from 165 from the first newsletter this year). We also have our first member from Vietnam. Welcome to **Lilly Nguyen**, a PhD student at the Dept of Information Studies, Univ. of California. Informed by cultural studies of information and knowledge, Lilly's PhD title is called: 'Putting software in its place: Hybrid ecologies of pirated and free and open source software in Vietnam.'



The **2nd APSTSN Conference 2011, Northeastern Univ., Shenyang, China**, is now well on its way to success thanks to the superb efforts of Prof Chen Fan and Assoc. Prof. Ma Huiduan and the conference organising committee. Congratulations to our organisers! (see China News below).

In June 2011 I had the honour to again visit **Taiwan** at the invitation of **Dr Wen-ling Hong**, Director of the Center for STS Research at National Kaohsiung Maritime University and her organising committee, to be the keynote for 'STS, the new momentum for Taiwan's society conference on remediation issues on industrial pollution'. The highly interesting and important conference was attended by scholars, environmental policy-makers, petrochemical company representatives, environmental NGOs and community citizen representatives focussed especially on developing community engagement approaches for remediation of land and water contamination from petrochemical/chemical factory sites. At dinner one night with STS scholars I had the pleasure to receive two unusual and memorable gifts from Dr Hong and **Assoc. Prof Jeng-Horng Chen** (of nearby National Cheng Kung University, Tainan) of a puzzle picture and a bag with images of Kaohsiung and Taiwan, respectively, that showed both many controversial and beneficial sites of interest to an STS eye. In December, I look forward to going to Taiwan on some sabbatical leave and to work with Dr Wong, as well as **Prof Kuei Tien Chou** (National Taiwan University) and **Assoc. Prof Wen-ling Tu** (National Cheng-Chi University).

I'm also very pleased to announce the **major APSTSN event for 2012**, which will be followed by the next conference in 2013. Our key APSTSN organiser for the 2012 event is Aotearoa New Zealand Steering Committee member **Bob Frame** (assisted by the SC and other APSTSN NZ members including Karen Cronin, who most of you know was our prior Convenor). The event is a workshop/conference event that will work in tandem and be integrated with the upcoming *Science for Policy—Policy for Science: Constructing National Wellbeing through Science and Innovation Conference* (Victoria University of Wellington, Wellington, New Zealand, 9-10 February 2012). Please put that date in your calendars for potential attendance. The event supersedes the original idea of a 2012 APSTSN workshop titled *Mapping STS in the Asia-Pacific: Building Regional Research Capacity*, which, in the end, proved too organisationally complex to set up. We're pleased that the 4S support for the variation stays in place and we thank 4S for that as the event promises to well keep building our regional research capacity, and also aligns to the strong focus of the APSTSN to generate practical insights for policy and decision-making. In an upcoming communiqué we will announce fuller details of the APSTSN involvement and also the funding packages we are developing to assist members to attend and participate in this exciting event. For the moment I draw your attention to a flier for the overall event which is found at the end of the newsletter, and which demonstrates what a great event it is shaping up to be.

In this issue, you'll also find **two new features**

- (1) The first **member's profile** on the suggestion of **Anne Parkinson**, who, given it was Anne's idea we have profiled her to kick things off.
 - (2) There is also **BLOGS OF STS INTEREST**, an idea of **Anna Harris**. Please send in blogs as you think of them or come across them for ongoing issues. I have added one on TechnoArt.
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APSTSN STEERING COMMITTEE (SC) NEWS

We're pleased to announce that the **APSTSN Strategic Plan**, which the SC worked on laboriously when its need was identified at the business meeting held at the 4S/JSSTS August meeting in Tokyo, was endorsed by the membership (with 10% of members actually emailing according to our guidelines of endorsement spelt out in the Strategic Plan). The Strategic Plan is currently being uploaded to the public area of the website @ www.esr.cri.nz/AsiaPacificSTSNetwork

AROUND THE ASIA-PACIFIC STS REGION

CHINA NEWS

The **2nd APSTSN Conference, Northeastern University, Shenyang, China**, is now well on its way to success thanks to the efforts of **Prof Chen Fan** and **Assoc. Prof Ma Huiduan** and the conference organising committee. At last count, the numbers were about 160 participants, with 40 of those foreign ones (with APSTSN members significant), which increases from the inaugural Brisbane conference of 110 participants. At the same time, to the original intent of the APSTSN the conference stays small in comparison to the very large international conferences and ensures plenty of interactive space and time, with presentations of 20 mins and 10 mins for questions. The program is almost ready for loading online, the hotels have all been booked for attendees, and volunteers will pick up every foreign attendee. Unfortunately, I'm unable to attend and do the welcome and wrap up bit for the APSTSN as an important family matter has come along which begs my feet stay put in Brisbane at this time.

Dr **Haidan Chen** is currently a visiting scholar at the Brocher Foundation, Geneva, until August 30, 2011

SINGAPORE NEWS

On 23 March, a workshop was held called ***Patients on the move: medical tourism in Asia and the UK***, *Jointly organised by the FASS Migration and National University of Singapore Science, Technology and Society (STS) Research Clusters*. The programme, abstracts and speaker bios are available [HERE](#).

In April and May, as **Denisa Kera** reports, the STS research cluster and the Communications and New Media Dept at the National University of Singapore organized a DIYbio symposium in Yogyakarta, workshop and lecture on DIYbio in Singapore. It involved three events:

1. The first Asia-Pacific DIYBio and BioArt Meeting: Democratising the Laboratory

April 24–25, Dept of Biotechnology, Gadjah Mada University Yogyakarta (UGM), Indonesia
http://www.natural-fiber.com/index.php?option=com_content&view=article&id=260:asia-pacific-diybio-and-bioart-meeting&catid=90:open-lab&Itemid=95

DIYbio is an organization that aims to help make biology a worthwhile pursuit for citizen scientists, amateur biologists, and DIY biological engineers who value openness and safety. This will require mechanisms for amateurs to increase their knowledge and skills, access to a community of experts, the development of a code of ethics, responsible oversight, and leadership on issues that are unique to doing biology outside of traditional professional settings. It was hands-on Synthetic Biology demo in hacking bacteria with kitchen equipment along with a talk about the process and potential of the technology, both good and bad.

HONF

The first Asia-Pacific DIYBio and BioArt meeting:
Democratising the Laboratory

24 - 25 / 4 / 2011
 HONF - Yogyakarta - Indonesia

24 HONF 19.00 - 24.00
 * Denisa Kera - DNA & Food Hacking in South-East Asia
 * Arantza Lopez - Policy of the age of DIYBio
 * Symbiotika
 * HONF - International Business and Education Fosters Program / EFP
 * Teleconference: Georg Treisman & Shiro Fukuhara - BCL, Japan & Australia
 * Teleconference: Angika Yermolova - Biosocial Network - Ohio

25 HONF 19.00 - 24.00
 * Ellen Dewlega Priyambada and Denisa Kera - Synthetic Biology in Indonesia
 * Symbiotika
 * HONF - International Business and Education Fosters Program / EFP
 * Teleconference: Jo Tilo - New Zealand
 * Teleconference: Marc Dusseiller - Hackteria Network

25 UGM 08.00 - 09.40
 * Ellen Dewlega Priyambada and Denisa Kera - Synthetic Biology in Indonesia
 * Denisa Kera - Post Biology and Posthumanism
 * Symbiotika
 * HONF - International Business and Education Fosters Program / EFP

www.natural-fiber.com
 www.honf.org

2. **Biohacking w' shop** http://www.socal-diybio.org/Main_Page Hackerspace, Singapore, May 12

People doing strange things in their kitchens and bathrooms? "My home is my lab" movement? Global exchange of biotech kits and protocols, playing with genome and creating synthetic organisms for pets, using lab tools when cooking and transforming kitchens into biotech labs, these are just some of the faces of the global pop biotech. Artists, designers and scientists across the region translate scientific protocols into art manifests, create sculptures from tissues, help local communities with low cost and low tech protocols, do performances with DNA and installations from biotopes. We will meet to probe the territory between public, private and lab spaces and discuss various forms of biohacking, biopunk, bioart and molecular gastronomy. How relevant are these citizen science practices for innovation and how can they support local communities? What are some new design and art ideas related to biotechnologies? How can we involve critical design practices in bioethics discussions? How can these probes and experiments enable local communities? We will cook, brew, play and hack in order to discuss the potential of DIYbio and BioArt in the region.

3. **DIYbio and the Reemergence of the Sci-Artist** (Romie Littrell)

April 19th, 2011, National University of Singapore, http://www.socal-diybio.org/Main_Page



TAIWAN NEWS

(1) **Jeng-Horng Chen** (Associate Professor, Dept. of Systems & Naval Mechatronic Eng. & Chief of Collection Division, NCKU Museum, National Cheng Kung University, Tainan) reports—

The Taiwan STS Society held its 3rd annual meeting during the weekend of May 21-22 at National Yang Ming University, Taipei. There were 33 papers presented in nine sessions, covering various topics of technology risk, policy-politics, medicine, environment, and daily life technologies. A special forum about nuclear power plant and civics was held during the lunch-time of May 22, to respond to the **Fukushima** accident in Japan.

In addition, **three mini-workshops** were held at the end. They were initiated by researchers from three universities. One of them was on STS teaching material development; another on gender issues in science education, and the third was on the controversy about science park development in Taiwan. A government officer was invited to communicate with professors and reviewers who participated in the environment review meetings of these controversial cases.

A special award to young STS scholars, the Wang Yu-Fong Memorial Award, was given to a new masters' degree holder before the members' meeting on May 21. This award was established in the

last year. There will be 1- 3 winners each year. It was initiated by Taiwan STS Society two years ago to memorize Mr. Wang who was the Chief of Collection and Research Division of the National Science and Technology Museum devoting himself to STS, the museum, and industry culture heritage. He passed away at 43, one month after fainting down in a work meeting.

A proposal for continuing Taiwan's **national-wide STS teaching projects** was also sent to Ministry of Education and was preliminarily approved. It will extend the achievement of the past four years to promote STS teaching in high schools, vocational schools, and universities through camps, activities, and teaching material publication over the next three years.

(2) **Wen-Ling Hong** (*Assistant Professor, and Director, Center for Science, Technology and Society Research, Dept. of Naval Architecture, National Kaohsiung Marine Univ, Taiwan*) reports—

After 3.5 years of support from Taiwan's Ministry of Education on an inter-disciplinary STS teaching project, in January 2011, the National Kaohsiung Marine University (NKMU) established the new STS Center in College of Engineering, National Kaohsiung Marine University, as one of **Taiwan's first STS research centers**. Being a vocational track university on marine technology, NKMU consists of some very specialized departments, for example, fishery management, seafood science, aquaculture, navigation, naval architecture and so on. Although situated in the college of engineering, the STS Center has put its focus on four goals:

- (i) to facilitate inter-disciplinary STS research, particularly on issues related to engineering and the ocean;
- (ii) to promote STS courses integrated into regular curriculum,
- (iii) to encourage student's social participation,
- (iv) to outreach to the community.

Currently, the Center has 5 members, 4 inter-departmental and 1 supported by the STS project. In June 2011, the Center held its first formal meetings.

First, on June 10, a STS dialogic conference was held on maritime affairs and the marine industry. The importance of Maritime affairs and the marine industry can't be over-stressed for an island country like Taiwan. However, because these issues are naturally inter-disciplinary, it has been difficult to disclose and discuss these topics fully in a traditional conference following a disciplinary approach.

The setup for the Center's interdisciplinary conference was for authors to present their works on maritime affairs and the marine industry first, followed by a STS scholar's in-depth review and comments. In order to attract more researches into STS, the presenting papers were not required to use STS. This sparked **rich dialogues** between STS scholars, social scientists, historians, and military officers. Topics included fish market local knowledge, traditional carpentry in modern yacht building industry, marine defense, shipbuilding history, leisure industry on wetland, and imaging of ships in novels. The papers and comments from this conference will be published soon.

Second, on June 11, the STS center held 'STS, the new momentum for Taiwan's society conference on remediation issues on industrial pollution'. Environment governance and public participation are now two of the most studied topics in STS research in Taiwan. Close to the NKMU campus, a major plastic company was found to have **serious water and soil pollution** in their factory compound and possibly the nearby community grounds. State and local EPA officials have started an official inquiry process, including an expert committee to supervise the remediation proposed by the company. However, NGOs and local residents still felt left out and unheard. The purpose of this conference was to bring national and local EPA officials, government agencies, NGOs, community citizen representatives, and STS and other scholars on policy, environment protection and public participation and engagement together, to discuss, share and hopefully establish a mutual ground for **public participation** mechanism.

Associate Professor **Richard Hindmarsh** (Griffith Environment School and Centre for Governance and public Policy, Griffith University, Australia) was invited as the keynote speaker. His presentation was titled: *'Public participation and community engagement trends for resolving environmental and social problems around facility siting of large technological assemblages in relation to community, risk, pollution and sustainability'*. About 50 participants attended the conference, and since then, this conference has sparked several talks about future public participation projects for the NKMU STS Center in regard to nearby industrial remediation and site planning issues.

AUSTRALIA NEWS

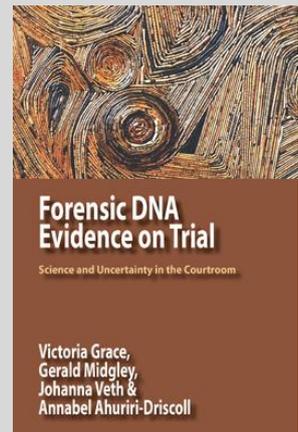
Assoc. Prof **Wen-ling Tu** (National Chengchi University, Taipei) visited Brisbane (Australia) in early April as part of the project she has with Richard Hindmarsh, funded by the Academy of Social Sciences (ASSA ISL: Bilateral Program) in Australia. The project is called: *Environmental Sustainability Transitions in the Asia-Pacific: Science, Technology, Citizenship, and Policy Learning in Cross-Cultural Context*. A paper is under progress and Dr Tu delivered a seminar to the Environment School called: *Environment, high-tech risk, and public engagement: Critical review on sustainability and risk governance in Taiwan*.

MEMBER PUBLICATIONS (RECEIVED)

BOOKS

Victoria Grace, Gerald Midgley, Johanna Veth and Annabel Ahuriri-Driscoll (2011) *Forensic DNA Evidence on Trial: Science and Uncertainty in the Courtroom*, Emergent Publications

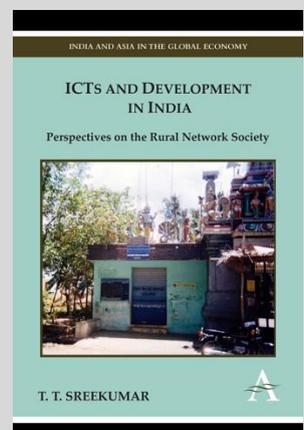
(for article by the New Zealand Royal Society see:
<http://www.royalsociety.org.nz/2011/06/01/grace/>)



T T Sreekumar, 2011. *ICTs and Development in India Perspectives on the Rural Network Society*, Anthem Press.

For article see: <http://www.anthempress.com/index.php/subject-areas/browse-by-type/anthem-monograph-edited-volume/icts-and-development-in-india.html>

Dr. T T Sreekumar is Assistant Professor at Communications and New Media Programme, Faculty of Arts and Social Sciences, National University of Singapore



PAPERS

Catherine Waldby (2011) 'Citizenship, Labor and The Biopolitics of the Bioeconomy: Recruiting Female Tissue Donors for Stem-Cell Research', *Scholar & Feminist Online* special double issue *Critical Conceptions: Technology, Justice, and the Global Reproductive Market* Spring 9.1/9.2
www.barnard.edu/sfonline/reprotech/index.htm

Haidan Chen has three papers accepted:

- Haidan Chen, Herbert Gottweis, (forthcoming) Stem Cell Treatment in China: Rethinking the Patient Role in the Global Bio-Economy *Bioethics*.
- Herbert Gottweis, Haidan Chen, Johannes Starkbaum (forthcoming), Biobanks and the Phantom Public, Special Issue on Biobanking of *Human Genetics Journal* (Guest editors: Bartha Maria Knoppers and Tomas Hudson).
- Haidan Chen (forthcoming) Cord Blood Banking in China: Public and Private Tensions, Special Issue on 'Biopolitics in China' of *East Asian Science, Technology and Society: an International Journal* (Guest editors: Catherine Waldby and Brian Salter).

Nicola Marks (2011, forthcoming in August) Stem cell researchers' trust, ambivalence and reflexivity: Opportunities for improved science-public relations?, *Science and Public Policy*.

[Nicola adds: This paper is based on the presentation I gave at the Brisbane APSTS Network Conference in 2009. So thank you to everyone who provided comments and feed-back]

Ariel Salleh has four publications including being editor of a special journal issue.

- Ariel Salleh 2010 (Feb 2011) 'Editorial: A sociological reflection on the complexities of climate change research', *International Journal of Water*, Vol. 5, No. 4, 285-297.
<http://www.inderscience.com/browse/index.php?journalID=32&year=2010&vol=5&issue=4>
- Ariel Salleh 2011 'Climate Strategy: Making the Choice between Ecological Modernisation or Living Well', *Journal of Australian Political Economy*, No. 66, 124-149.
- Ariel Salleh 2011 'What Does it Mean to take Direct Action for Climate?', *Chain Reaction*, 111: 40-41.
- Ariel Salleh 2011 'Cancun and After: A Sociology of Climate Change', *Arena*, 110:24-31

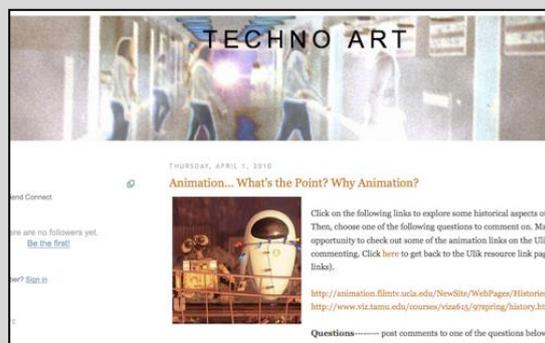
Sreekumar, T. T. 2011. Mobile Phones and the Cultural Ecology of Fishing in Kerala, India, *Information Society*, 27 (3) <http://bit.ly/iWcofR>

POSTER PRESENTATION

Kelly, Susan, E, **Harris, Anna**, and Wyatt, Sally (2011) The medium and the message: Genetic counselling in the direct-to-consumer genetic testing industry. *European Human Genetics Conference 2011*, Amsterdam, Netherlands

BLOGS of INTEREST for STS

<http://www.corporeality.net/museion>
<http://mindhacks.com>
<http://www.somatosphere.net>
<http://thebubblechamber.org>
https://.../wiki/e0943/Techno_Art_Blog.html



APSTSN MEMBER PROFILE: ANNE PARKINSON

Each issue we will be profiling a different APSTSN member, maybe two. This issue we start with Dr **Anne Parkinson** (who submitted the idea for this interesting new feature of the newsletter)



What does STS mean to you?

It is the interface between science and technology on the one hand and society on the other—key to understanding society today because existing and ever emerging new technologies underpin most human activity.

Why is APSTSN important to you?

APSTSN provides an arena for dialogue among people in our region with a shared interest in the social relations of science and technology. I hope it will continue to grow and to encourage discussion and understanding between people drawn from a wide variety of disciplines; from both technical and non-technical backgrounds. This is important to me because I believe that by understanding scientific and technological developments, their social consequences and how they are shaped by social forces enables us to contribute meaningfully to public policy making and the governance of scientific and technological developments in the Asia Pacific region.

What are the three areas of S&T that most interest/concern you?

1. Agricultural biotechnology: regulation of GM food crops and their impact on farmers, consumers and the environment
2. Nanotechnology: ethical dilemmas and how regulation is lagging behind this fast emerging new technology
3. Energy generation: concern about lack of community participation in planning the location of wind power farms in Australia

Recent achievements

I completed my PhD at Griffith University's School of Environment as a part-time, mature-aged, remote location student in 2010: *The Lost Stakeholder: A case study of risk and trust perceptions held by canola farmers in NSW and the implications for policy makers in the area of biotechnology, environment and agriculture*. It presents the findings from my survey of nearly 60 Australian canola farmers and their perspectives on the widescale introduction and regulation of GM food crops in Australia in relation to scientific, social, environmental and commercial risk and uncertainty. It also draws upon an analysis of GM regulation in Australia to determine how farmers have been involved in GM technology policy making. I argue that farmers are central stakeholders in the GM crop debate and have been inappropriately marginalised throughout the policy process, and need to be better included for reasons of 'good governance' and better policy outcomes. The case is made for GM policy and regulatory process to better adhere to democratic ideals of inclusion in policy making, especially with regard to controversial issues of high risk and hazard. That position would incorporate active and inclusive public participation, address risk and trust more coherently, and recognise farmers as valuable stakeholders in such decision-making.

Current position: I work independently as a research assistant or associate in my areas of interest (see ad below for consultation and research work).

Current project: *Journal article, work in progress*

Giving a voice to Australian farmers in GM policy making: This article discusses the regulation of GM crops in Australia focusing on the representation of farmers, described by Messer (1986) as the main risk bearers of any agriculture related technology, in GM agricultural policy-making. The recent 2011 review of the Gene Technology Act 2000 shows little progress has been made to further the representation of farmers in GM crop policy making despite a number of reviews. It argues farmers have been excluded throughout the policy process regardless of trends towards more inclusive policy

making elsewhere. Drawing on a study of New South Wales farmers (Parkinson 2009), in which farmers indicated they felt excluded and marginalised in the GM policy process, strategies are suggested that aim to assist the authentic inclusion of farmers and more broadly the public in GM regulatory policy process.

CALL FOR PAPERS



Call for papers: **Deadline for submissions: 15 October 2011**

ESRC Genomics Network Conference

Genomics in Society: Facts, Fictions and Cultures

23 - 24 April 2012, The British Library, London

<http://eepurl.com/eoLEU>

Themes of interest

- Innovations and challenges on the path to sustainable bio-societies
- Representation and communication of genomic and life science themes in artistic and other media
- Direct to consumer genetic testing, e-medicine and online patient activism
- Systems biology, synthetic biology, data sharing and management
- Food security, biofuels
- The use of model organisms and the human/animal relationship
- Prenatal testing, psychiatric genomics, disability studies
- Forensic DNA technologies
- Genomics and medicine, including regenerative medicine and translation

OTHER UPCOMING EVENTS



Seminar in Experimental Critical Theory VII: ReWired: Asian/TechnoScience/Area Studies.
 You can read more about it here: <http://www.uchri.org/sect.php>

The Surveillance & Everyday Life Research Group at Sydney University is holding a one-day symposium called:

EXPOSING BODIES: SURVEILLANCE & EMBODIMENT

Friday July 8, 2011, Sydney University

<http://surveillanceandeveryday.com/exposing-bodies-symposium/schedule/>

In another upcoming event, **Professor Nikolas Rose** will deliver a Public lecture 'Governing conduct in the age of the brain'

5pm. 15th November, **Law School Foyer , Sydney University**, cosponsored by the Biopolitics of Science Research Network, Sydney Ideas, the Faculty of Arts and Social Sciences and the Australian Sociology Association.

Biography: Nikolas Rose is the James Martin White Professor of Sociology, Convenor of the Department of Sociology and Director of the BIOS Centre for the Study of Bioscience, Biomedicine, Biotechnology and Society at the London School of Economics and Political Science. He has published widely across: the sociology of psychiatry; the social and political history of the human sciences; the genealogy of subjectivity; the history of empirical thought in sociology, and on the changing rationalities and techniques of political power. His extensive body of work has been translated into ten languages. He is co-editor of BioSocieties: an interdisciplinary journal for social studies of neuroscience, genomics and the life sciences.



PUBLICATION S OF INTEREST (RECEIVED FROM MEMBERS)

'Stem cell research in Asia: looking beyond regulatory exteriors', *New Genetics and Society*, guest editor Margaret Sleeboom-Faulkner. The online link is:

<http://www.informaworld.com/openurl?genre=issue&issn=1463-6778&volume=30&issue=2>.



Tecnoscienza, Vol 2, No 1 (June 2011) – EASST010 Special Issue

<http://www.tecnoscienza.net/index.php/tsj/issue/view/18/showToc>

NEW JOURNALS

International Journal of Science Education, Part B: Communication and Public Engagement

The journal aims to address the communication between and the engagement by individuals and groups concerning evidence-based information about the nature, outcomes, and social consequences, of science and technology.

<http://www.tandfonline.com/action/aboutThisJournal?show=aimsScope&journalCode=rsed20>



Upcoming Science for Policy—Policy for Science Conference that the major 2012 APSTSN EVENT is to be involved with (see [From the Convenor](#) at the start of this newsletter): Details will be posted soon on the APSTSN's involvement and funding packages for members to attend through an APSTSN Communiqué

Website under construction

About 'Science Policy Studies'

Conference Aims and Themes

Call for Abstracts

International Keynote Speakers

NZ speakers and session chairs

Conference Programme

Early registration of Interest

Conference Fees and Registration

Support for emerging and indigenous SPS scholars

Prizes for best papers

Conference Venue

Conference Organisers

Sponsors

Travel and accommodation

Contact

Victoria University of Wellington

Wellington City, New Zealand

Initial Conference Website published July 2011 – more sections to come

The Inaugural Asia Pacific Science Policy Studies (SPS) Research Conference

**SCIENCE for POLICY
POLICY for SCIENCE**

Constructing National Wellbeing through Science and Innovation

Victoria University of Wellington, Wellington, New Zealand, 9-10 February 2012

*What is the relationship between science and policy decision-making?
How do nations make decisions to invest in science and technology – and how are citizens involved?*

The aim of this conference is to showcase the latest international thinking in the field of Science Policy Studies and the emerging SPS scholarship in the Asia Pacific region. If you are concerned about the future of science and technology, and if you have ideas about how science policy systems work best, you should be part of this event.

Conference News: International Keynote Speakers confirmed:

Prof Helga Nowotny, President of the European Research Council

Prof Steve Rayner, James Martin Professor of Science and Civilization at the Saïd Business School and Director of the Institute for Science, Innovation and Society, Oxford University

Prof Brian Wynne, Professor of Science Studies, University of Lancaster

Prof Roger Pielke Jr, University of Colorado / former Director Center for Science&Technology Policy Research

Prof Philip Mirowski

Register your interest [link this to Marilyn.Pierson@esr.cri.nz] now to join a unique and stimulating discussion between science policy researchers, government officials, industry and professional associations, along with scientists from a broad range of disciplines, Māori scientists and indigenous knowledge holders.



New Zealand Association Of Scientists (Inc)

Content for links as in side bar above:

Conference Aims, Scope and Themes

AIMS:

- to showcase the latest international science policy studies (SPS) thinking and to support emerging SPS scholarship in the Asia Pacific region
- to stimulate new understanding of the interactions between science and policy
- to consider the international trends for science policy systems, the development and implementation of science policy, and the use of science knowledge in the policy process
- to bring together science policy researchers, government officials, indigenous knowledge holders, scientists from all disciplines, Māori scientists, industry and professional association members in a knowledge-rich and engaging environment

SCOPE:

The conference considers the broad sweep of social research on the relationships between science (including social science) and policy decision making for national wellbeing through science, technology and innovation.

THEMES:

Policy for Science: policy and governance of science, technology and innovation

Science for Policy: the sciences in the policy process.

Some key research questions in these areas are:

Policy for Science: How is science policy developed? How has the science system evolved over time and what are the key issues facing it today? How are scientists, industry and society engaged in the development of science policy? How is science linked with innovation and sustainability? What new forms of knowledge are emerging in the early 21st century and how are these being addressed inside the science system?

Science for Policy: How is scientific knowledge used in decision-making in government and industry? How can science address future challenges in economic development, social well-being and climate change? What role should scientists have in the policy process? What forms of knowledge are needed? What is the role of indigenous knowledge? What are the opportunities for 'evidence-based' policy?

Proceedings will be published in special issues of the *Journal of the Royal Society of New Zealand* and *New Zealand Science Review*.

Paper Sessions: accepted papers will be allocated a 20-minute time slot in a parallel paper stream; chair-discussants will read papers in advance and facilitate questions and comments after the paper presentations.

Innovation Space: in a variation of a 'roundtable' discussion, accepted contributors will face each other in an inner circle, with audience/observers in an outer circle. Each contributor will make a 3-minute opening presentation on the selected theme, and will engage in a facilitated discussion with other contributors and the audience.

Themes

Policy for Science

How science, technology and knowledge are framed in policy discussions

Constructing wellbeing

Policy for the innovation system

Governance of the science system

The evolution, design and workings on science systems

Trends and emergent indicators of the future

Science diplomacy

Public involvement in science policy and decision making

History of the science system

Policy for sustainability

Ensuring the integrity of the science system
 Intellectual property, public access, and commercialisation of science
 Science education

Science for Policy

Science knowledge in policy development
 Forms of knowledge and evidence in policy
 Transdisciplinary knowledge for policy practice
 Science in industry decision making
 Limits on science in policy making
 The implications of post-normal science
 Bringing societal values to bear on policy
 The global-local flows of science and knowledge
 Mastering complex and wicked problems
 Communicating science for policy
 The idea of progress

MORE COMING SOON

RESEARCH WORK WANTED

Too much work and too little time? Maybe I can help you...

Research Assistant work wanted by recently qualified PhD (Griffith University, Brisbane).

Casual rates apply.

My Name is Anne Parkinson (see APSTSN member profile above). I am currently based in the Canberra region after relocating here due to my partner's work commitments and I work from home on a remote basis. I am mature aged, responsible and able to meet deadlines.

My area of interest is in socio-technical change and the environment and includes risk and uncertainty, social knowledges, deliberative governance, public participation, public policy, biotechnology, health and rural issues. My strength lies in qualitative research and I have experience in constructing questionnaires and conducting interviews (for example, face-to-face interviews with hospital in-patients, farmers and rural residents as well as telephone follow-up calls).

Please contact me to discuss how I may help you.

Email anneparkinson@australionline.net.au or **Ph** 02 6238 1596 **Mob** 0428 334 581

Reference: Please feel free to contact Associate Professor Richard Hindmarsh, Griffith University and Convenor of the APSTSN R.Hindmarsh@griffith.edu.au

PLEASE SEND NEWS ITEMS FOR THE NEXT NEWSLETTER TO: r.hindmarsh@griffith.edu.au

FOR MEMBERSHIP INFORMATION AND ONLINE FORM FOR COLLEAGUES SEE: [APSTSN Website](#)