



Society for Risk Analysis
AUSTRALIA & NEW ZEALAND

SRA-ANZ Member Newsletter

November 2015 Newsletter

Highlights:

- SRA International Elections
- Ortwin Renn Australia Tour Highlights
- World Congress on Risk in Singapore
- SRA-ANZ Annual Conference 2016

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Message from the Newsletter Editor

Dear SRA-ANZ Member,

We hope that you have had a fruitful year of research. We have a number of highlights for you in this newsletter, including former SRA International President, Prof. Ortwin Renn's Australia tour, our 2016 annual conference and latest publications from some of our members.

If you have missed out

on sending us your latest publications, editorials, grants, awards, recently completed PhDs, etc. for this newsletter, it's never too late to send it to us and we will have it posted on our [website](#) and [facebook](#) page.

As a member of the society, we would like you to use us as a platform to broadcast your work, connect to researchers

or industry partners and create networks.

Enquires can be sent to the newsletter editor or our secretariat. Contact details are on page 8.

We look forward to hearing from you!

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SRA International Elections: **Vote for SRA-ANZ President**

As you know the SRA International Officer/Councilor elections are now open. We would like to urge you to vote for current SRA-ANZ president, Dr. Naomi Cogger, for the role of councilor.

Why is this important?

- 1) SRA-ANZ will be in a stronger position to influence the agenda in the international council.
- 2) The research interests and agenda of



Polls close on 26 November! Vote here:

<http://birenheide.com/sra/elections/2015/>

Australia, New Zealand and the broader Asia-Pacific region will be represented in the international council.

3) SRA-ANZ will have voting rights in SRA International.

4) SRA-ANZ will be better placed to advocate for your (research) interests in the international council.

Naomi's mission statement can be found on the voting website.



Prof. Ortwin Renn's Australia Tour

Immediate past President of the Society for Risk Analysis (SRA), Professor Ortwin Renn, from the University of Stuttgart was in Australia in July to conduct a series of symposiums, lectures and workshops.

Host institutions included The Cairns Institute at James Cook University, University of

Melbourne, Food Standards Australia New Zealand, Regulatory Science Agencies Network (Canberra), and University of Technology, Sydney.

Here are some highlights from his visit.



Introducing the Risk Landscape in Cairns



On his first ever visit to Cairns, Professor Ortwin Renn was taken on an annotated tour of Cairns by way of introduction to some of the key risk issues facing the region. From the Lake Morris Lookout, Ortwin was given a bird's eye view of key vulnerabilities to natural disasters such as

cyclones, storm surges and floods. Major water and energy security concerns were also presented in a short tour of the Copperlode Dam.

This was followed by an interactive workshop on risk governance with key local stakeholders.

Workshopping major risks in the region at The Cairns Institute

Prof. Renn responded to the major risks facing the region raised by workshop participants and proposed some tools and concepts that they may find relevant and applicable to their respective fields of work.

Moderated by Professor Allan Dale, the key challenges of identify-



ing known and unknown risks; making difficult trade-offs; and engaging with the public were discussed in an open and frank manner.

In closing the workshop, Professor Stewart Lockie stressed the importance of collaboration in securing a more resilient and sustainable future for the region and beyond.

Symposium on Risk Governance in Canberra

SRA-ANZ in association with Food Standards Australia New Zealand (FSANZ) held a risk governance symposium on 17 July 2015.

The symposium was opened by Professor Chris Baggoley, Chief Medical Officer of Australia and attended by about 120 practitioners working in the field of risk assessment, risk

management and risk communication.

Professor Ortwin Renn, then introduced the concept of risk governance to the audience.

This was followed by a discussion on risk analysis processes and frameworks employed by Regulatory Science agencies by the Chief Scientist of FSANZ, Chief Scientist of Aus-

tralian Pesticides and Veterinary Medicine Authority, and Assistant Secretary of Animal Biosecurity, Department of Agriculture.

In closing, Professor Mark Burgman of University of Melbourne presented his views on dealing with uncertainty and intelligence gathering in risk analysis.



2015 World Congress on Risk (WCR)

The 2015 World Congress on Risk held in Singapore was a huge success with over 300 participants from all over the world.

The conference began with a gripping talk from Lt. General Thomas Bostick of the US Army Engineer Corps. He made the powerful ar-

gument that although plans to mitigate against natural disasters are readily drawn up, it is the uncertainty around risk that often results in a lack of funding for contingency planning.

This was followed by a second keynote by former SRA President



<http://www.sra.org/news/sra-world-congress-risk-2015>

Ortwin Renn of University of Stuttgart sparking a conversation on risk and innovation in a time of rapid transformation. The full story can be found [here](#).

SRA-ANZ Symposium on Managing Trans-boundary Risk in the Asia-Pacific Region

In conjunction with the WCR, members of SRA-ANZ convened a symposium on transboundary risks in the Asia-Pacific Region.

Papers dealt with some of the latest research and policy developments in regional biosecurity, re-

gional trade, climate change, food security and environmental governance.

See the blog entry by SRA-ANZ travel scholarship recipient, Lucie Bland for some of her impressions and highlights of the conference.





SRA World Congress on Risk Blog Entry by Lucie Bland: “Impressions of a Young Scientist”

The 2015 World Congress on Risk – the fourth in the series of World Congresses organized by the SRA and its partner organizations – was held from the 19th of July to the 24th of July in the Biopolis of Singapore. The overall theme of the 2015 World Congress was risk analysis for sustainable innovation, highlighting sessions that identified how risk analysis can assist private and public policy makers facing complex and uncertain challenges. Special emphasis was placed on the role of risk analysis as a tool for policy making, as well as trade-offs in situation of limited resources and extreme challenges. The Congress also gave Singapore an opportunity to display its excellent track records in risk management, and the last day was dedicated to a Singapore-style risk management workshop.

The Congress was attended by 300 risk researchers and practitioners from a range of backgrounds, a diversity reflected in the 51 sessions of plenaries, talks and posters. Key sessions focused on the risks posed by occupational hazards, nanotechnology, infrastructure and Ebola disease, whilst a few sessions transcended single topics by focusing on risk perception and communication. Having never attended a congress by SRA in the past, it was a great opportunity to learn about different disciplines, broaden my research horizons, and find out about the most recent methods in the field. Yet at times I felt it was difficult to bridge disciplinary divides, especially when speakers launched hastily into complex concepts with cluttered slides – a feeling shared among many of the early-career researchers I met at the Congress.

The Congress was reasonably well-attended by early-career researchers, thanks to generous grants by the SRA and its partners organizations (I myself have to thank SRA and SRA-ANZ for providing me with funds to attend the Congress). However, I believe SRA could engage further with the upcoming generation, and organize special sessions and mixers for early-career scientists, as is the case in many disciplines. These special events provide excellent opportunities for long-term collaboration, building support networks, and fostering multi-disciplinary research. Whilst the SRA has not posted any statistics on career stage and gender representation, the Congress did not strike me as particularly well-balanced (maybe a cognitive bias of my own!).

The SRA-ANZ hosted its annual conference during the Congress with a session dedicated to “Managing trans-boundary risk in the Asia-Pacific region”, with four talks presented by current or former committee members. Naomi Cogger presented a talk on managing trans-boundary disease in a world of freer trade, followed by a talk by Sandra Seno-Alday on agricultural trade a regional food security. The last two talks focused on stakeholder engagement in environmental governance by Catherine Wong, and climate and food security by Tom Beer. Members of SRA-ANZ then headed off to the society dinner in Holland Village – one of the oldest areas in Singapore, well-known for its Dutch windmill and excellent restaurants.

Another personal highlight of the Congress was the course on Ecological Risk Analysis organized by SETAC and delivered by Wayne Landis and Charles Menzie. I valued the opportunity to interact closely with the course leaders and participants, and engaged in very lively discussions. Course leaders and participants also provided feedback on my poster, “Predicting the risk of ecosystem collapse with ecosystem viability analysis”. Overall, I believe I made the most out of the Congress from small-group interactions, networking, and workshops, so I am more inclined to attend regional SRA meetings in the future.

Lucie Bland was a recipient of the SRA-ANZ Travel Scholarship. She is a Research Associate in Ecosystem Risk Assessment at the School of Botany, University of Melbourne.



SRA-ANZ Dinner in Singapore

Of course, conferences are not all about serious talk! All SRA-ANZ members were invited to a society dinner on the second day of the conference so that members could get to know each other and do some networking.

As part of SRA-ANZ's strategic engagement with SRA International and the regional SRA



organisations in the Asia-Pacific, executive committee members of

SRA China, Taiwan and Japan were also invited to the dinner.

The event was also attended by SRA International immediate past President, Prof. Ortwin Renn, and President elect, Prof. James Lambert.



Advance Queensland Women's Academic Fund

Attention all female academics in Queensland!

Funding is available to support the work of female researchers within Queensland based universities and Queensland's publicly funded research institutes/organisations:

- 1) up to \$25,000 for maternity funding
- 2) up to \$1000 for carer funding
- 3) up to \$2000 for lecture funding.

Maternity funding can fund another researcher, or a research/laboratory assistant to progress research

whilst the primary researcher is on maternity leave, or to assist the primary researcher following maternity leave.

See [here](#) for more details.

Conferences & Events: Upcoming

SRA-Japan 2015 Annual Meeting, 20-22 November

SRA-Japan warmly welcomes you their 28th SRA Japan Annual Meeting 2015 to be held at the Nagoya University. The conference aims to bring together risk research specialists, academicians, key

researchers and policy makers to deliberate on important risk research issues.

The conference also marks SRA-Japan's 28th anniversary in Nagoya. Sessions will be in Japanese as well as English.

For enquiries contact: sraj2015nagoya@gmail.com

Conference website can be found [here](#).





Massey University, Palm-erston North, New Zealand hosted the 8th SRA-ANZ Annual Conference, 26-27 August.

Conferences & Events: Upcoming

SRA-ANZ 2016 Annual Conference: "Engaging Risks"

The SRA-ANZ is excited to announce that its 2016 Conference will be held on **November 23-25** at CQUni's Appleton Institute in Adelaide, South Australia.

The multidisciplinary conference theme will be "Engaging Risk".

A keynote from Professor Stewart Lockie, Director of The Cairns Institute will launch two days of presentations, followed by a third day of professional workshops on risk perception and risk analysis.

Details of key subjects the conference will focus on will be released in a few weeks together

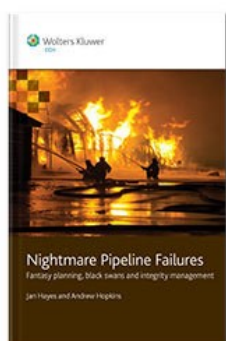
with the official call for abstracts, so stay tuned!

Abstracts will close on **April 29, 2016** and will be subject to peer review.

Stay tuned at our [web-site](http://www.sraanz.org.nz/):

<http://www.sraanz.org.nz/>

Latest Publications: Books



HAYES, J. & HOPKINS, A. 2014. Nightmare pipeline failures: Fantasy planning, black swans and integrity management, Sydney, CCH.

The worst nightmares of the oil and gas pipeline industry are coming true in the United States. The book examines the causes of two major pipeline events in 2010: the rupture of high-pressure natural gas underground pipelines in San Francisco and a similar event in the state of Michigan.

Details can be found at:

<http://www.cchbooks.com.au/nightmare-pipeline-failures-fantasy-planning-black-swans-and-integrity-management/>

Latest Publications: Journals

Dawson, D., Mayger, K., Thomas, M. J., & Thompson, K. (2015). Fatigue risk management by volunteer fire-fighters: Use of informal strategies to augment formal policy. *Accident Analysis & Prevention*, 84, 92-98.

Haigh, L., & Thompson, K. (2015). Helmet use amongst equestrians: Harnessing social and attitudinal factors revealed in online forums. *Animals*, 5(3), 576-591.

Hammond, N.E.B., Hardie, D., Hauser, C.E., Reid, S.A., 2016. Can general surveillance detect high priority pests in the Western Australian Grains Industry? *Crop Protection* 79, 8-14.

Latest Publications: Journals

Hammond, N.E.B., Hardie, D., Hauser, C.E., Reid, S.A., 2016. How would high priority pests be reported in the Western Australian grains industry? *Crop Protection* 79, 26-33.

Hayes, J. 2015. Taking responsibility for public safety: How engineers seek to minimise disaster incubation in design of hazardous facilities. *Safety Science*, 77, 48-56.

Hayes, J. 2015. Investigating design office dynamics that support safe design. *Safety Science*, 78, 25-34.

O'Keeffe, V. J., Thompson, K. R., Tuckey, M. R., & Blewett, V. L. (2015). Putting Safety in the Frame Nurses' Sensemaking at Work. *Global Qualitative Nursing Research*, 2, 2333393615592390.

Seno-Alday S (2015 Forthcoming) Regionalization and risk, *Multinational Business Review*, vol.23:4

Smith, B., Taylor, M., & Thompson, K. (2015). Risk perception, preparedness and response of live-stock producers to bushfires: A South Australian case study. *Australian Journal of Emergency Management*, 30(2), 38-42.

Thompson, K. (2015a). For pets' sake, save yourself: Motivating emergency and disaster preparedness through relations of animal guardianship. *Australian Journal of Emergency Management*(special issue on animals and disasters).

Thompson, K., Leighton, M., & Riley, C. (2015). Helping hands, hurting hooves: The need for a multi-disciplinary paradigm of Large Animal Rescue. *Australian Journal of Emergency Management*, 30(2), 53-58.

Thompson, K., & Matthews, C. (2015). Inroads into equestrian safety: Rider-reported factors contributing to horse-related accidents and near misses on Australian roads. *Animals*, 5(3), 592-609.

Thompson, K., McGreevy, P., & McManus, P. (2015). A critical review of horse-related risk: A research agenda for safer mounts, riders and equestrian cultures. *Animals*, 5(3), 561-575.

Trigg, J., Thompson, K., Smith, B., & Bennett, P. (2015). Engaging pet owners in disaster risk and preparedness communications: simplifying complex human-animal relations with archetypes. *Environmental Hazards*(ahead-of-print), 1-16.

Wong, C. M. L (2015) "The Mutable Nature of Risk and Acceptability: A Hybrid Risk Governance Framework", *Risk Analysis*, [In Press].

Latest Publications: Opinion Editorials

Wong, C. M. L. (2015) "Energy Security in Southeast Asia? Let's start with the future", *The Kyoto Review of Southeast Asia*, October 31

<http://kyotoreview.org/yav/energy-security-southeast-asia-the-future/>



The Society for Risk Analysis - Australia & New Zealand (SRA-ANZ) provides an opportunity for an inclusive, broad-based society that promotes communication between disciplines, a breadth of tools and viewpoints, and platforms for training, workshops, and conferences.

SRA-ANZ's Goals:

1. To serve as the focal point for interaction of members of the Society and other interested individuals and organisations in Australia and New Zealand.
2. To further understanding, awareness, and appropriate applications of risk analysis, and to promote an exchange of ideas and practical experiences among members of the academic, professional, industrial, and regulatory communities involved in risk analysis and risk management in Australia and New Zealand.
3. To hold scientific and educational meetings.

Our new website is in the making. Stay tuned!

Executive Members

Executive Members

Naomi Cogger (President)

Kirrilly Thompson (President-elect)

Tom Beer (Immediate Past President)

Sandra Seno-Alday (Secretary)

Hong Jin (Treasurer)

Erica Kecorius (Secretariat)

Steven Corin (Council member)

Tracey Hollings (Council member)

Catherine Wong (Council Member / Newsletter Editor)

Past Presidents

2014 Tom Beer

2013 Mark Colyvan

2012 Rochelle Christian

2011 Simon Barry

2010 Janet Gough

2009 Jean Chesson

2008 Daniela Leonte

2007 Keith Hayes

2006 Nick Linacre

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