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WELCOME

Welcome to the first issue of I2S (Integration and Implementation Sciences) News!

The aim of this newsletter is to provide regular updates about resources for researchers who investigate and help tackle complex real world problems, by:

- Synthesizing knowledge from different disciplines and stakeholders,
- Comprehensively understanding and managing unknowns, and
- Providing integrated research support for policy and practice change.

Our focus is on these methodologies rather than the major social and environmental problems they are used to address.

Each issue will feature concepts or methods relevant to I2S – either a useful compilation or a single tool of note. Our long-term aim is to build an extensive collection in order to make it easier for investigators dealing with challenging social and environmental issues to identify the full range of methodological options and to use those most appropriate for their studies.

We also provide information about journals, professional associations & networks, and conferences where researchers can report their methodological findings, as well as interact with like-minded peers.

The intent is to highlight selected resources from a growing repository available at:
<http://i2s.anu.edu.au/resources>.

We welcome your contributions!

Gabriele Bammer and Peter Deane

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FEATURED METHODS COMPILATION

Tools for Policy Impact: A Handbook for Researchers

Start, D. and Hovland, I. (2004). *Tools for Policy Impact: A Handbook for Researchers*. Overseas Development Institute, London, UK.

Detail: "The Overseas Development Institute, as part of its Research and Policy in Development (RAPID) programme, has been looking at the links between research and policy for several years... This handbook presents work-in-progress on tools for policy impact, specifically geared towards the needs of researchers. The tools are grouped under the headings Research Tools, Context Assessment Tools, Communication Tools, and Policy Influence Tools".

- Full text online at: <http://www.odi.org.uk/resources/details.asp?id=156&title=tools-policy-impact-handbook-researchers>

For more methods and concepts, such as;

- Powercube: A new online resource for understanding power for social change

See: <http://i2s.anu.edu.au/resources/tools>

FEATURED JOURNAL

Group Dynamics: Theory, Research, and Practice

"*Group Dynamics: Theory, Research, and Practice* publishes original empirical articles, theoretical analyses, literature reviews, and brief reports dealing with basic and applied topics in the field of group research and application. The editors construe the phrase *group dynamics* in the broadest sense – the scientific study of all aspects of groups – and publish work by investigators in such fields as psychology, psychiatry, sociology, education, communication, and business. The journal publishes articles examining groups in a range of contexts, including ad hoc groups in experimental settings, therapy groups, naturally forming friendship groups and cliques, organizational units, self-help groups, and learning groups. Theoretically driven empirical studies of hypotheses that have implications for understanding and improving groups in organizational, educational, and therapeutic settings are particularly encouraged."

- Website: <http://www.apa.org/pubs/journals/gdn/index.aspx>
- Impact factor (2010): 0.891

For more journals, such as;

- Administrative Science Quarterly
- Conservation Biology

See: <http://i2s.anu.edu.au/resources/journals>

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FEATURED PROFESSIONAL ASSOCIATION

Association for Integrative Studies

"The Association for Integrative Studies is an interdisciplinary professional organization founded in 1979 to promote the interchange of ideas among scholars and administrators in all of the arts and sciences on intellectual and organizational issues related to furthering integrative studies". US based, it has an international membership. Some of the main aims of the association are as follows.

- "Promotes the interchange of ideas among scholars, teachers, administrators, and the public regarding interdisciplinarity and integration;
- Advances the exploration of key terms and seeks out new theoretical models essential to interdisciplinarity and integration;
- Sustains the development of real-world applications of interdisciplinarity and integration;
- Encourages high quality interdisciplinary curriculum development at both the undergraduate and graduate levels;
- Supports the development of strategies for strengthening the role of interdisciplinarity and integration within (and beyond) the Academy."

The association supports a range of activities including; an annual conference, journal, newsletter, an email list, Facebook page and a website that provides a variety of resources.

- A **range of resources** are available via the association website:
<http://www.units.muohio.edu/aisorg/index.shtml>
- Subscriptions to their **listserv** can be made via:
<http://www.units.muohio.edu/aisorg/Resources/interdis.shtml>
- Integrative Pathways **newsletter**:
<http://www.units.muohio.edu/aisorg/pubs/news/news.shtml>
- Issues in Integrative Studies **journal**:
<http://www.units.muohio.edu/aisorg/pubs/issues/toclist.shtml>

For more professional associations & networks, such as;

- Science of Team Science (SciTS) Network

See: http://i2s.anu.edu.au/resources/associations_networks

CONFERENCES

New Conference Announcements

- 15-17 August 2011, 1st Biennial Global Implementation Conference (GIC), Washington DC, USA (<http://www.implementationconference.org/>) (*Bridging the Research-Policy/Practice Gap*)
- 29 February-2 March **2012**, Leuphana Sustainability Summit - Sustainability: Enabling a Transdisciplinary Approach, Lüneburg, Germany (<http://www.leuphana.de/en/faculty-sustainability/news/leuphana-sustainability-summit.html>). (*General Interdisciplinarity/Transdisciplinarity/Team Science/ Action Research*)
- 26-29 March **2012**, Symposium On Theory of Modeling and Simulation (TMS'12) (formerly known as the DEVS Integrative M&S Symposium), Orlando, Florida, USA (<http://tms-devs.org/doku.php>). (*Systems and Modelling/Simulation*)

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- 18-20 July 2012, World Congress on Risk 2012: Risk and Development in a Changing World, Sydney, Australia (<http://www.sra.org/worldcongress2012.php>). (*Uncertainty and Risk*)

Upcoming Conference Announcements

General Interdisciplinarity/Transdisciplinarity/Team Science/ Action Research

- 14-16 September 2011, Transdisciplinarity Conference (td-conference): Evaluation of Inter- and Trans-disciplinary Research, Practice and Teaching, Berne, Switzerland (<http://www.transdisciplinarity.ch/e/Conference/international/2011/>)
- 26-27 September 2011, Action Learning, Action Research Association (ALARA) Australasian Conference - Action and change: Creative responses for new challenges, Brisbane, Australia (<http://www.alara.net.au/public/home>;
http://www.alara.net.au/files/ALARA%20call%20for%20papersv3.20.12.10_0.doc (PDF))
- 13-16 October 2011, Association for Integrative Studies 33rd Annual Conference - Traditions and Trajectories: Interdisciplinarity and Integrative Learning, Grand Rapids, Michigan, USA (<http://gvsu.edu/aisconference/call-for-proposals-2.htm>)
- 4-6 November 2011, CARN Conference 2011 (Collaborative Action Research Network) - Bringing a Different World into Existence: Action Research as a Trigger for Innovations, Vienna, Austria (<http://ius.uni-klu.ac.at/carn>)

Bridging the Research-Policy/Practice Gap

- 7 December 2011, Bridging the gap between research, policy and practice: The importance of intermediaries (knowledge brokers) in producing research impact, London, UK (<http://www.genomicsnetwork.ac.uk/forum/events/title,24718,en.html>).

Systems and Modelling/Simulation

- 3-5 August 2011, Symposium on Serious Gaming and 'Edutainment' (within the Defense, Science and Research Conference, Science and Innovation in the Brave New World), Singapore (http://www.dsr2011.org/index.php?option=com_content&view=article&id=126&Itemid=271 and www.dsr2011.org)
- 11-13 August 2011, American Society for Cybernetics (ASC), Annual Meeting – Listening, Richmond, Indiana, USA (<http://www.asc-cybernetics.org/2011/>)
- 4-7 September 2011, 7th European Social Simulation Association (ESSA) Conference, Montpellier, France (<http://www.essa.eu.org/Members/mimoehring/call-for-papers-the-7th-european-social-simulation-association-conference-essa-2011>)
- 6-8 September 2011, Operational Research Society 53rd Annual Conference (OR53) - Bridging the Gap Between Operational Research Theory and Practice, Nottingham, UK (http://www.theorsociety.com/orshop/%28yzwopcu2eu0zvhm4wyhzb55%29/orcontent.aspx?nc=or53_main.htm)
- 12-16 September 2011, ECCS (European Conference on Complex Systems) '11, Vienna, Austria (<http://eccs2011.eu/>)
- 14-16 September 2011, Applications of Social Network Analysis, Zurich, Switzerland (<http://www.asna.ch/>).

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- 31 October – 2 November 2011, Systems Thinking in Action 21st Annual Conference - Because Sustainable Success Doesn't Just Happen, Seattle, Washington, USA (<http://www.systemsthinkinginaction.com/>)
- 12-16 December 2011, International Congress on Modelling and Simulation: Understanding and Living with Uncertainty, Perth, Australia (<http://www.mssanz.org.au/modsim2011/>)
- 4-7 January 2012, 45th Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii, USA (http://www.hicss.hawaii.edu/hicss_45/apahome45.htm)

Uncertainty and Risk

- 19-22 September 2011, 13th EADI (European Association of Development Research and Training Institutes) General Conference: Rethinking Development in an Age of Scarcity and Uncertainty New Values, Voices and Alliances for Increased Resilience, York, UK (<http://www.eadi.org/index.php?id=1205>)
- 26-28 September 2011, 6th Annual Conference of the Society for Risk Analysis - Australian and New Zealand Regional Organisation: Risk in the Real World, Brisbane, Australia (<http://www.acera.unimelb.edu.au/sra/news.html>).
- 19-21 October 2011, Governing Risk And Vulnerability For Water, Energy And Climate Change, University of Twente, The Netherlands (http://www.utwente.nl/igs/conferences_events/IGS%20conference%20Resilient%20Societies/)
- 4-7 December 2011, 31st Annual Meeting of the Society for Risk Analysis, Charleston, South Carolina, USA (http://www.sra.org/events_2011_meeting.php)

Other

- 5-7 August 2011, Third International Conference on Science in Society, Washington DC, USA (<http://science-society.com/conference-2011/>)
- 20-24 August 2011, Aberdeen Centre for Environmental Sustainability (ACES) - Conservation Conflicts: Strategies for coping with a changing world, Aberdeen, Scotland, UK (<http://www.aces-2011.org/>)
- 23-25 August 2011, Discourse, Power, Resistance 'Down Under' - Will the Real Evidence Please Stand Up: Politicising Qualitative Research, Cairns, Australia (Web <http://www.aqr.org.au/conference-2011.html>)
- 8-9 September 2011, Global Sustainable Finance Conference: Greening Financial Institutions, Karlsruhe, Germany (<http://www.etechgermany.com/GreeningFinancialInstitutions.pdf>)
- 28-30 September 2011, Environment Institute of Australia and New Zealand - Facing the Future: Actions for the Environmental Profession, Sunshine Coast, Queensland, Australia (<http://www.eianz.org/eventsplus/category/environment-institute-annual-conference>)
- 5-6 October 2011, Science for the Environment - Environment for Society: Bridging the Gap Between Scientists and Practitioners in Environmental Science, Aarhus, Denmark (<http://www.dmu.dk/en/news/arrangements/conferences/environmentconference2011/>)
- 7-8 October 2011, International Conference on Social Sciences, İzmir, Turkey (<http://www.icssconference.net/>)
- 19-21 October 2011, Resilient societies - Governing risk and vulnerability for water, energy and climate change, Enschede, The Netherlands (<http://www.utwente.nl/igs/IGS%20-%20SENSE%20conference%20Resilient%20Societies/>).

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- 2-5 November 2011, Annual Meeting of the Society for Social Studies of Science (4S), Cleveland, Ohio, USA (<http://www.4sonline.org/meeting>)
- 7-9 December 2011, 25th Annual Australian and New Zealand Academy of Management (ANZAM) Conference, Wellington, New Zealand (<http://www.anzamconference.org/default.asp>).
- 16-18 January **2012**, International Conference on Technology, Knowledge and Society, Los Angeles, USA (<http://techandsoc.com/conference-2012/>).
- 25-28 January **2012**, Shared futures/ Difficult choices: Reclaiming a Democratic Vision for College Learning, Global Engagement and Success, Washington DC, USA (<http://www.aacu.org/meetings/annualmeeting/index.cfm>).
- 26-29 March **2012**, Planet under Pressure Conference: New Knowledge towards Solutions, London, UK (<http://www.planetunderpressure2012.net/>)
- 10-11 March **2012**, 2nd International Conference on Social Science and Humanity (ICSSH), Chennai, India (<http://www.icssh.org/>)
- 6-8 July **2012**, 12th International Conference on Knowledge, Culture and Change in Organizations, Chicago, USA (<http://ontheorganization.com/conference-2012/>)
- 15-17 November **2012**, Fourth International Conference on Science in Society, Berkeley, California, USA (<http://science-society.com/conference-2012/>)

ABOUT I2S NEWS

Our aim is to produce the newsletter bi-monthly.

To subscribe or unsubscribe go to "I2S Updates" at <http://i2s.anu.edu.au> or contact Peter Deane at peter.deane@anu.edu.au.

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