WELCOME

This newsletter features an exciting array of resources. In particular we point out the latest discussion forum of INIT (International Network of Interdisciplinarity and Transdisciplinarity). This runs till mid-October and is centred around two chapters from Roland Scholz's 2011 book *Environmental Literacy in Science and Society: From Knowledge to Decisions*. More details are provided below under Featured Networks.

The materials we have gathered are compiled at [http://i2s.anu.edu.au/resources/](http://i2s.anu.edu.au/resources/) and we’d love to hear from you about new additions.

Gabriele Bammer and Peter Deane

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FEATURED CONCEPTS AND METHODS

**Mapping Political Context: A Toolkit for Civil Society Organisations.**


Details: "This toolkit describes a range of tools that CSOs [Civil Society Organisations] might use to understand and map political context, in order to engage more effectively in policy processes... This
A guide introduces a series of tools that have been designed to map various dimensions of political context. The tools have been selected because they cover a wide variety of political dimensions.

The following tools are presented in Mapping Political Context: A Toolkit for Civil Society Organisations:

- Civil Society Index (CIVICUS)
- Country Policy and Institutional Assessment (WB)
- Democracy and Governance Assessment (USAID)
- Drivers of Change (DFID)
- Governance Matters/Country Diagnostics (WBI)
- Governance Questionnaire (GTZ)
- Power Analysis (Sida)
- Stakeholder Analysis
- World Governance Assessment

**Team Science Toolkit**

Detail: "The Team Science Toolkit is a user-generated collection of information and resources that support the practice and study of team science. The Toolkit connects professionals from many disciplines, providing a forum for sharing knowledge and tools to maximize the efficiency and effectiveness of team science initiatives. A growing body of knowledge about team science is emerging from disciplines as diverse as public health, communications, management sciences, and psychology. The Team Science Toolkit aims to integrate this knowledge, disseminate effective practices, and prevent the unnecessary duplication of efforts." The website is also a portal for further contributions to the resource base and for connecting those interested in team science, via a blog, listserv, news bulletin and expert directory.


**For more methods, such as**

- Communicating Research for Evidence-Based Policymaking – A Practical Guide for Researchers in Socio-Economic Sciences and Humanities

See: [http://i2s.anu.edu.au/resources/tools](http://i2s.anu.edu.au/resources/tools)

**FEATURED CASE REPOSITORY**

**Handbook of Transdisciplinary Research**


This handbook describes 21 cases organised using the three phases of a transdisciplinary research project: (1) problem structuring; (2) problem investigation; (3) bringing results to fruition. Topics are
drawn from many countries and cover global and local environmental concerns, migration, new technologies, public health and socio-cultural change.

**For more case repositories, such as**
- Transdisciplinary research - Applying Health Social Science: Best Practice in the Developing World

**FEATURED JOURNAL**

**World Futures: The Journal of Global Education**

World Futures focuses on the study of nonlinear and evolutionary change in nature and society. From an I2S perspective it is of particular interest because it publishes “research methods of multi-and trans-disciplinary scope”. It is strongly interdisciplinary and accepts material from across the sciences broadly. The journal promotes “the transfer of evolutionary models, theories and approaches within and among the natural and social sciences; contributes to the unity of the sciences through the advancement of studies, theories, and research methods of multi-and trans-disciplinary scope; and, explores the application of evolutionary models, theories, and approaches to concrete and urgent problems of human and social interest.

- Website: [http://www.tandfonline.com/loi/gwof20/](http://www.tandfonline.com/loi/gwof20/) (viewed: September 2012).
- Impact factor: N/A

**For more journals, such as**
- Environmental Conservation
- Futures
See: [http://i2s.anu.edu.au/resources/journals](http://i2s.anu.edu.au/resources/journals)

**FEATURED NETWORKS**

**Inter-Disciplinary.Net**

Details: “As a global network of people, projects, and events, Inter-Disciplinary.Net is an enabling resource which supports the exploration, development and publication of work that transcends traditional disciplinary boundaries…[It acts as] a forum for the exchange and interaction of ideas, research and points of view that bear on a wide range of issues of concern and interest in the contemporary world…[An aim is to foster] inter- and multi-disciplinary encounters by bringing people together from differing contexts, disciplines, professions, and vocations, with the aim to engender and nurture engagements that cross the boundaries of intellectual work”. Interdisciplinary.Net has a programme of conferences and publishing linked to sets of meetings, books (and e-books), journals and miscellaneous resources.

INIT Discussion Forum

Details: The latest discussion forum of the International Network of Interdisciplinarity and Transdisciplinarity (INIT) is open till mid-October. The focus for postings is two chapters of Roland Scholz’s 2011 book *Environmental Literacy in Science and Society: From Knowledge to Decisions*:

- Chapter 15, “Transdisciplinarity for Environmental Literacy” (pp. 373-404). Focus: how disciplinary, interdisciplinary, and transdisciplinary approaches inform advancement of knowledge and education; includes delineation of key terms.
- Chapter 18.2, “Case 2: Transdisciplinary Case Studies for Sustainable Regional and Organizational Transitions” (pp. 473-482). Focus: practical lessons from the Transdisciplinary Case Study (TdCS) approach, with example of the TdCS 2002 project on the “Future of Traditional Industries in the Canton Appenzell Ausserrhoden” in Switzerland.

These are available on their website, where the discussion can also be joined. See: [http://www.interdisciplines.org/paper.php?paperID=408](http://www.interdisciplines.org/paper.php?paperID=408) (viewed: September 2012).

For more professional associations & networks, such as

- Research to Action (R2A)


CONFERENCES

Upcoming Conferences
Conferences which have not been listed in previous newsletters are marked [NEW].

General Interdisciplinarity/Transdisciplinarity/Team Science/Action Research

- 11-14 October 2012, 34th Annual Association for Integrative Studies (AIS) Conference: Public Policy and the Promise of Interdisciplinary Dialogue, Rochester, USA ([http://www.oakland.edu/2012AIS](http://www.oakland.edu/2012AIS))

Systems and Modelling/Simulation

- 12-14 November 2012, 22nd Systems Thinking in Action Conference: The Power is in the Connections, Indianapolis, USA ([http://www.systemsthinkinginaction.com](http://www.systemsthinkinginaction.com))
- 9-12 December 2012, Winter Simulation Conference (WSC), Berlin, Germany ([http://wintersim.org/](http://wintersim.org/))
• 7-10 January 2013, 46th Hawaii International Conference on System Sciences (HICSS), Grand Wailea, Hawaii (http://www.hicss.hawaii.edu/hicss_46/apahome46.htm)
• April 7-10 2013, Symposium on Theory of Modeling and Simulation (TMS' 13), San Diego, USA (http://www.sce.carleton.ca/faculty/wainer/DEVS13/doku.php)
• [NEW] 8-10 May 2013, 7th International Workshop on Self-Organizing Systems (IWSOS), Palma de Mallorca, Spain (http://innaxis.org/events/iwsos-2013/)
• [NEW] 21-25 July 2013, 31st International Conference of the System Dynamics Society: Creating the Future from Within, Cambridge, Massachusetts, United States of America (http://conference.systemdynamics.org/)

Uncertainty and Risk
• 3-5 October 2012, The Communication of Certainty and Uncertainty: Linguistic, Psychological, Philosophical Aspects, Macerata, Italy (http://www.unimc.it/cuc)
• 16-18 November 2012, 3rd Asia-Pacific Foresight Conference (APFC 2012), Perth, Australia (http://asiapacificforesightconference.com/)
• 6-8 December 2012, MutaMorphosis: Tribute to Uncertainty, Prague, Czech Republic (http://mutamorphosis.org/2012/)
• 10-12 May 2013, International Symposium on Integrated Uncertainties in Knowledge Modelling and Decision Making, Beijing, China (http://icml.buaa.edu.cn/IUKM2013/)

Bridging the Research-Policy/Practice Gap
• [NEW] 22 October 2012, Annual Conference of the Commission for Research Partnerships with Developing Countries (KFPE): How Research Partnerships with Developing Countries Contribute to Swiss Research and the Swiss Economy, Bern, Switzerland (http://www.kfpe.ch/registrierung/)
• 25-26 October 2012, 1st Biennial Australian Implementation Conference: Making Change Happen, Melbourne, Australia (http://www.ausimplementationconference.net.au)
• 7-10 January and 4-7 February 2013, ‘Science Meets Practice’ Winter School of the Competence Center Environment and Sustainability of the ETH Domain (CCES), Propstei Wislikofen, Switzerland (http://www.cces.ethz.ch/winterschool/coming_winter_school)

Other
• 4 October 2012, Workshop on Creative Design for Interdisciplinary Projects in Cultural Heritage, Innsbruck, Austria (http://homes.di.unimi.it/cslab/cdch/; within the IEEE Symposium on Visual Languages and Human-Centric Computing - http://vlhcc2012.di.unisa.it/submitting/workshops/)
• 17-20 October 2012, Annual Meeting of the Society for Social Studies of Science (4S): Design and displacement – Social Studies of Science and Technology, Frederiksberg, Denmark (http://www.4sonline.org/meeting)
• 1-4 November 2012, 10th International Conference on Transformative Learning - A Future for Earth: Re-Imagining Learning for a Transforming World, San Francisco, USA (http://meridianuniversity.edu/index.php/about-the-conference)
• 17-19 November 2012, 4th International Conference on Science in Society, Berkeley, California, USA (http://science-society.com/conference-2012/)
• 5-7 December 2012, 26th Annual Australian and New Zealand Academy of Management Conference: Managing for Volatility and Stability, Perth, Australia (http://www.anzamconference.org/default.asp)
• 13-14 January 2013, 9th International Conference on Technology, Knowledge, and Society: Organize, Challenge, Re-Imagine - New Media and Social Movement, Vancouver, Canada (http://techandsoc.com/2012/02/02/ninth-international-conference-on-technology-knowledge-and-society/)
• 9-14 June 2013, 7th World Environmental Education Congress: The Rural-Urban Relationship, Marrakech, Morocco (http://www.weec2013.org/)
• [NEW] 12-15 June 2013, Communities and Universities (CU) Expo 2013: Engaging Shared Worlds, Corner Brook, Canada (http://cuexpo2013.ca/Pages/default.aspx)
• [NEW] 13-14 June 2013, 13th International Conference on Knowledge, Culture and Change in Organizations, Prague, Czech Republic (http://ontheorganization.com/the-conference)
• 1-3 July 2013, 19th Annual International Sustainable Development Research Conference (ISDRC19): Just Transitions, Stellenbosch, South Africa (http://isdrs.org/conferences/19th-conference-2013/)
• [NEW] 30 July-1 August December 2013, 8th International Conference on Interdisciplinary Social Sciences, Prague, Czech Republic (http://thesocialsciences.com/the-conference/)

ABOUT I2S NEWS

The aim of this newsletter is to provide regular (bi-monthly) updates about resources for researchers interested in Integration and Implementation Sciences (I2S), which underpins the investigation and tackling of complex real world problems, by:

• Synthesizing knowledge from different disciplines and stakeholders,
• Understanding and managing diverse unknowns, and
• Providing integrated research support for policy and practice change.

Each issue features concepts, methods and case studies relevant to I2S – either a useful compilation or a single example of note. We also provide information about journals, professional associations & networks, courses and conferences where researchers can learn from others, report their methodological findings and interact with like-minded peers.

I2S News is archived at: http://i2s.anu.edu.au/i2s-publications/newsletters/i2s-news.

To subscribe or unsubscribe to the newsletter go to “I2S Updates” at http://i2s.anu.edu.au or contact Peter Deane at peter.deane@anu.edu.au.

To contribute material please contact Peter Deane at peter.deane@anu.edu.au.