

A Tour d'Horizon of literature related to Transdisciplinarity published in 2006

We have requested experts of transdisciplinary research to indicate to us important new literature published in 2006.

Below you find the gathered literature. We would like to thank the contributors for their inputs, and we are looking forward to another productive year for transdisciplinary research.

You may indicate to us new literature throughout the year. Suggestions to include new journals or publications in the Bibliography Transdisciplinarity are very welcomed and may be sent to:

Christoph Küffer at bibliography@transdisciplinarity.ch

You may find more information about these and many more articles at http://www.transdisciplinarity.ch/bibliographie/index_e.html

Concepts of Transdisciplinarity

Lenhard J, Lücking H, Schwechheimer H 2006. *Expert knowledge, Mode-2 and scientific disciplines: two contrasting views*. Science and Public Policy, V33, N5, pp. 341-350.

Maasen S, Lengwiler M, Guggenheim M (eds) 2006. *Practices of transdisciplinary research: close(r) encounters of science and society*. Special Issue. Science and Public Policy, V33, N6, pp. 394-467.

Nicolescu B 2006. *Transdisciplinarity – Past, Present and Future*. In: Haverkort B, Reijntjes C, Moving Worldviews - Reshaping Sciences, Policies and Practices for Endogenous Sustainable Development. Holland: COMPAS Editions, pp. 142-166.

Petts J, Owens S, Bulkeley H 2007. *Crossing boundaries: interdisciplinarity in the context of urban environments*. Geoforum, in press.

Pohl, C, Hirsch Hadorn G 2006. *Gestaltungsprinzipien für die transdisziplinäre Forschung*. München: oekom Verlag. (The English translation will be published in 2007 by oekom as *Principles for designing transdisciplinary research – proposed by the Swiss Academies of Arts and Sciences*.)

Robinson J, Tansey J 2006. *Co-production, emergent properties and strong interactive social research: the Georgia Basin Futures Project*. Science and Public Policy, V33, N2, pp. 151-160.

Explaining and Understanding

Tilly C 2006. *Why? What Happens When People Give Reasons ... and Why*. Princeton: Princeton University Press.

Knowledge Transfer / Mutual Learning

Guggenheim M, Kräftner B, Kröll J, Martos A, Oberhuber F (Hrsg) 2006. *Die wahr/falsch inc. Eine Wissenschaftsausstellung in der Stadt*. Wien: Facultas Universitätsverlag.

- Guimarães Pereira A, Funtowicz S 2006. *Knowledge representation and mediation for transdisciplinary frameworks: tools to inform*. International Journal of Transdisciplinary Research, V1, N1, pp. 34-50.
- Moll P, Zander U 2006. *Managing the Interface – From Knowledge to Action in Global Change and Sustainability Sciences*. München: oekom Verlag.
- Roux D J, Rogers K H, Biggs H C, Ashton P J, Sergeant A 2006. *Bridging the science–management divide: moving from unidirectional knowledge transfer to knowledge interfacing and sharing*. Ecology and Society, 2006, V11, N1: 4.
[online] URL: <http://www.ecologyandsociety.org/vol11/iss1/art4/>.

Science – Policy

- Irwin A 2006. *The politics of talk: coming to terms with the new, scientific governance*. Social Studies of Science, V36, N2, pp. 299-320.
- Kerkhoff van L, Lebel L 2006. *Linking knowledge and action for sustainable development*. Annual Review of Environment and Resources, V31, pp. 445-477.
- Kerkhof van de M 2006. *Making a difference: on the constraints of consensus building and the relevance of deliberation in stakeholder dialogues*. Policy Sciences, V39, pp. 279-299.
- Voss J-P, Bauknecht D, Kemp R 2006. *Reflexive Governance for Sustainable Development*. Cheltenham, UK: Edward Elgar.

Project Management

- Blanckenburg von C., Böhm B, Dienel H-L, Legewie H 2005. *Leitfaden für interdisziplinäre Forschergruppen: Projekte initiieren - Zusammenarbeit gestalten*. Stuttgart: Franz Steiner Verlag.
- Boer de Y, de Gier A, Verschuur M, de Wit B 2006. *Building Bridges: Researchers on Their Experiences with Interdisciplinary Research in the Netherlands*. Amsterdam: RMNO, KNAW, NWO, COS.
- Böhm B 2006. *Vertrauensvolle Verständigung. Basis interdisziplinärer Projektarbeit*. Stuttgart: Franz Steiner Verlag.
- Defila R, Di Giulio A, Scheuermann M 2006. *Forschungsverbundmanagement - Handbuch für die Gestaltung inter-und transdisziplinärer Projekte*. Zürich: vdf.
- Loibl M C 2006. *Integrating Perspectives in the Practice of Transdisciplinary Research*. In: Voß J-P, Bauknecht D, Kemp R (eds.), *Reflexive Governance for Sustainable Development*. Cheltenham: Edward Elgar, pp. 294-309.
- Rabelt V, Büttner T, Simon K-H, van Rùth P (Hrsg) 2006. *Neue Wege in der Forschungspraxis*. München: oekom Verlag.
- McGregor S L T 2006. *Transformative Practice: New Pathways to Leadership*. East Lansing, Michigan, USA: Kappa Omicron Nu Honor Society.

Education

- Posch A, Scholz R W (eds) 2006. *Transdisciplinary case studies for sustainability learning. Special Issue*. International Journal of Sustainability in Higher Education, V7, N3, pp. 226-351.

Systems Analysis

- Brock W A, Carpenter S R 2006. *Variance as a leading indicator of regime shift in ecosystem services*. Ecology and Society 11(2): 9.
[online] URL: <http://www.ecologyandsociety.org/vol11/iss2/art9/>
- Wiek A, Binder C R, Scholz R W 2006. *Functions of scenarios in transition processes*. Futures, V38, N7, pp. 740-766.

Environmental Research

Jaeger J, Scheringer M (Hrsg) 2006. *Warum trägt die Umweltforschung nicht stärker zur Lösung von Umweltproblemen bei? Ausgangstext zum Themenschwerpunkt Umweltforschung. Special Issue.* GAIA, V15, N1/2.

Public Health

Lawrence R 2006. *Housing and health: Beyond disciplinary confinement.* Journal of Urban Health, V83, N3, pp. 540-549.

Parkes M W, Bienen L, Breilh J, Hsu L-N, McDonald M, Patz J A, Rosenthal J P, Sahani M, Sleigh A, Waltner-Toews D, Yassi A 2005. *All Hands on deck: transdisciplinary approaches to emerging infectious disease.* EcoHealth, V2, pp. 258-272.

Vinetz J M, Wilcox B A, Aguirre A, Gollin L X, Katz A R, Fujioka R S, Maly K, Horwitz P, Chang H 2005. *Beyond disciplinary boundaries: leptospirosis as a model of incorporating transdisciplinary approaches to understand infectious disease emergence.* EcoHealth, V2, pp. 1-16.

Wilcox B A, Colwell R R 2005. *Emerging and reemerging infectious diseases: biocomplexity as an interdisciplinary paradigm.* EcoHealth, V2, pp. 1-14.

Social Ecology

Becker E, Jahn T 2006. *Soziale Ökologie. Grundzüge einer Wissenschaft von den gesellschaftlichen Naturverhältnissen.* Frankfurt/Main: campus.

Sustainability Research

Glaeser B (Hrsg) 2006. *Fachübergreifende Nachhaltigkeitsforschung. Stand und Visionen am Beispiel nationaler und internationaler Forscherverbände.* München: oekom Verlag, Edition Humanökologie Band 4.

Hirsch Hadorn G, Bradley D, Pohl C, Rist S, Wiesmann U 2006. *Implications of transdisciplinarity for sustainability research.* Ecological Economics, V60, pp. 119-128.

International Council for Science 2006. *Harnessing Science, Technology, and Innovation for Sustainable Development.* A report from the ICSU-ISTS-TWAS Consortium ad hoc Advisory Group.

Kopfmüller J (Hrsg) 2006. *Ein Konzept auf dem Prüfstand. Das integrative Nachhaltigkeitskonzept in der Forschungspraxis.* Berlin: edition sigma.

Technology Development and Assessment

Konrad K, Truffer B 2006. *The Coupling of Spin-offs and Research Institutions in the Triangle of Policy, Science and Industry – An International Comparison.* Discussion Paper P 2006-103, Wissenschaftszentrum Berlin für Sozialforschung.

Maasen S, Merz M 2006. *TA-SWISS Broadens its Perspective. Technology Assessment with a Social and Cultural Sciences Orientation.* Working document of the Centre for Technology Assessment, DT-37/2006, www.ta-swiss.ch.

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