An International Perspective on The Science of Team Science

IDR: teams or individuals integrate information, data, techniques, tools, perspectives, concepts, or theories from two or more bodies of knowledge

To: advance fundamental understanding, address complex questions, or solve problems beyond scope of single discipline or area of research practice

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT
OECD

THE NATIONAL ACADEMIES
Advisers to the Nation on Science, Engineering, and Medicine

TDR Expansion

td-net
Network for Transdisciplinary Research

The Science of Team Science
Assessing the Value of Transdisciplinary Research

ANU
THE AUSTRALIAN NATIONAL UNIVERSITY
Integration and Implementation Sciences

TheATLAS
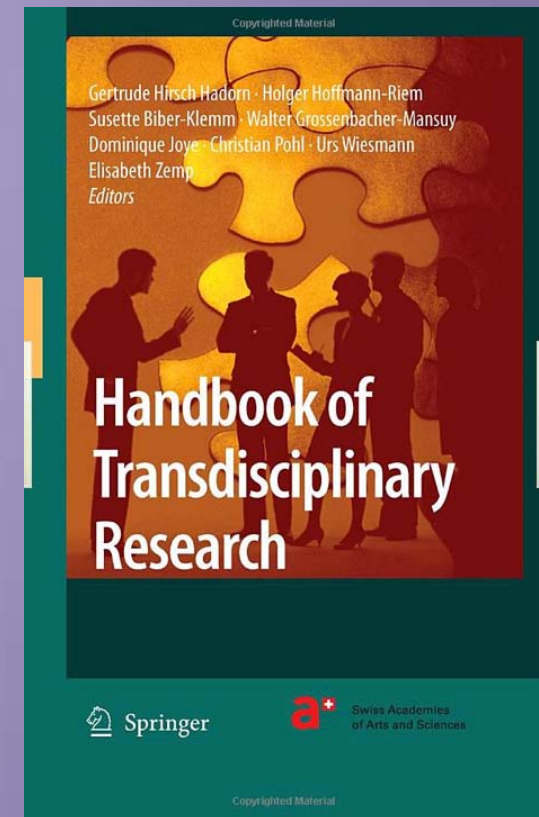THE ACADEMY OF TRANSDISCIPLINARY LEARNING & ADVANCED STUDIES
★ 2000 ★

Endogenous> Exogenous

1982 OECD Shift
Mode 2 Knowledge
Rethinking Science
Zurich 2000
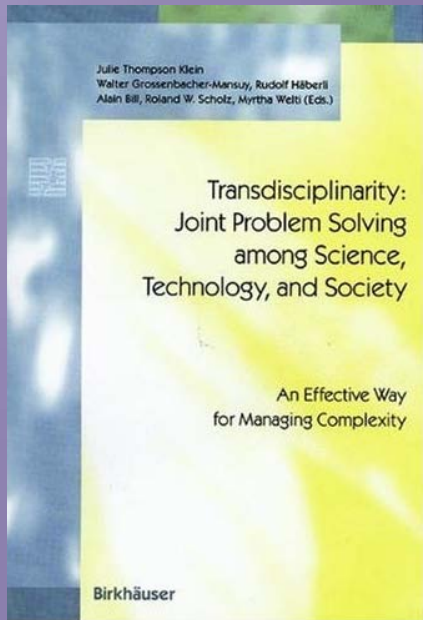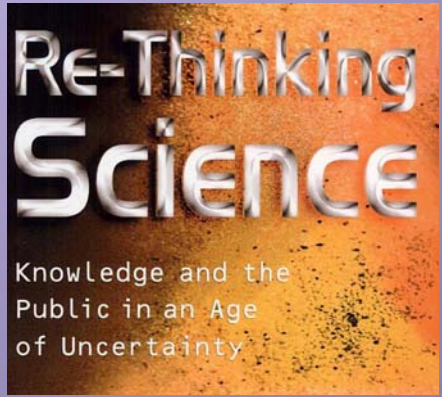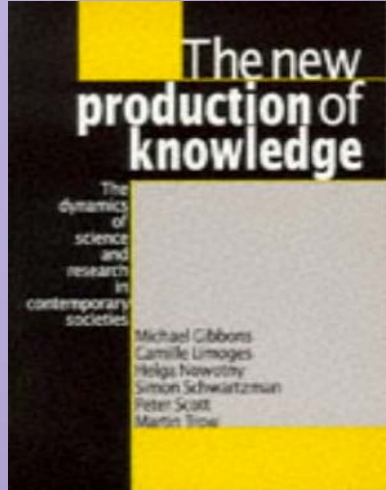
Lessons of TD Networks

- **Participation**
- **Mutual Learning**
- **Collaboration**
- **Integration**
- **"Socially Robust Knowledge"**

Christian Pohl, Gertrude Hirsch Hadorn

Principles for Designing Transdisciplinary Research

Gertrude Hirsch Hadorn · Holger Hoffmann-Riem
Susette Biber-Klemm · Walter Grossenbacher-Mansuy
Dominique Joye · Christian Pohl · Urs Wiesmann
Elisabeth Zemp
Editors

Handbook of Transdisciplinary Research

Springer

Swiss Academies of Arts and Sciences

Research Integration Using Dialogue Methods

David McDonald
Gabriele Bammer
Peter Deane

Integration <> Collaboration

1) The Principle of Variance

#2) The Principle of Platforming

3) The Principle of Iteration

#4) The Principle of "Communicative Rationality"

Network Links

- td-Net (Swiss Academies of Arts and Sciences)
- http://www.transdisciplinarity.ch/
-
- ANU Integration and Implementation Sciences Network:
- http://i2s.anu.edu.au/
-
- ATLAS:
- http://www.theatlasnet.org/