

RESOLVE Stakeholders Conference

EUROPEAN SCIENCE FOUNDATION
SETTING SCIENCE AGENDAS FOR EUROPE

RESOLVE Stakeholders
Conference (16-17 May 2011)

Task Force

Challenges of the Anthropocene

Last update: 16th May 2011

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RESOLVE WG/TF inputs (1/5)

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Mission / Challenges

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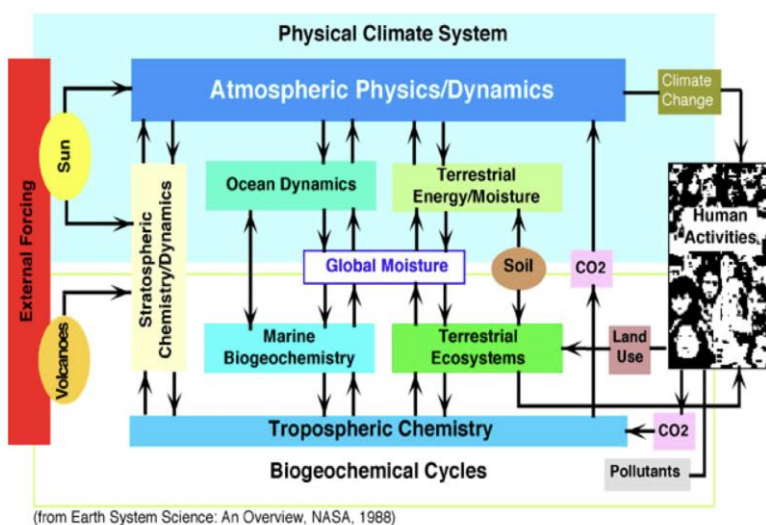
- **A** *Challenges of the Anthropocene.*
- **B** *Contributions of the social sciences and the humanities.*
- **C** *Some key issues for research.*
- **D** *Recommendations.*

Context and Rationale

RESCUE WG/TF inputs (2/5)

1. *Moving beyond systems thinking and the separation of the natural and the social*
2. *Developing alternative concepts and disciplinary landscapes*
3. *Pressing needs; Reframing the human*
4. *Signs of change*

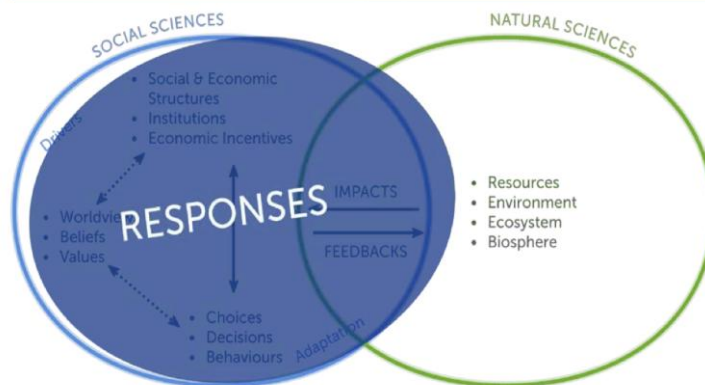
The Bretherton diagram (1986)





International Human Dimensions Programme on Global Environmental Change 2010

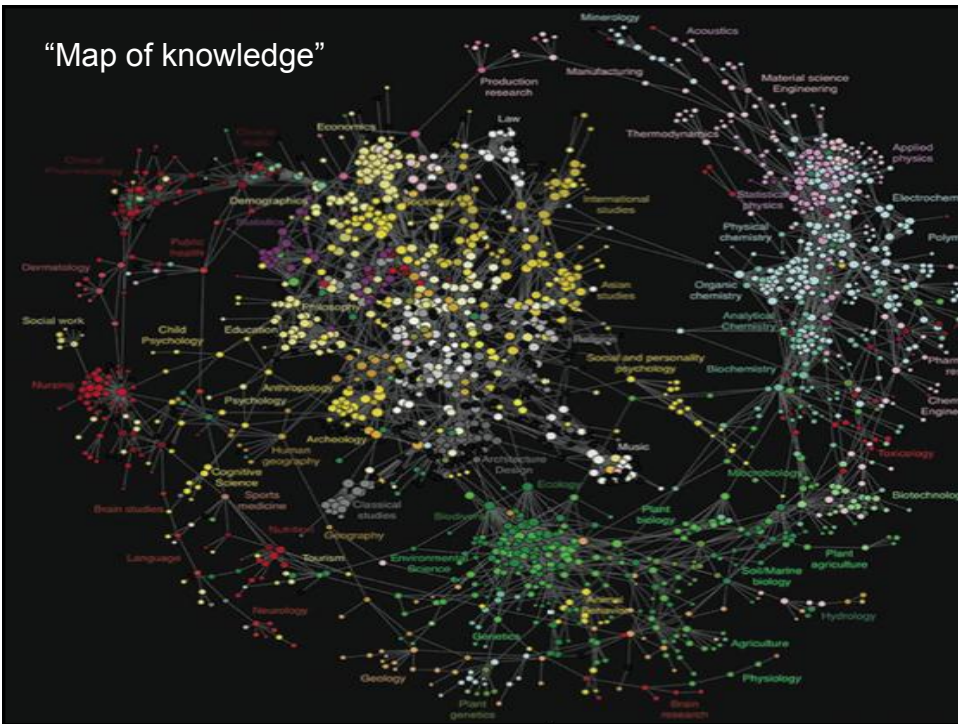
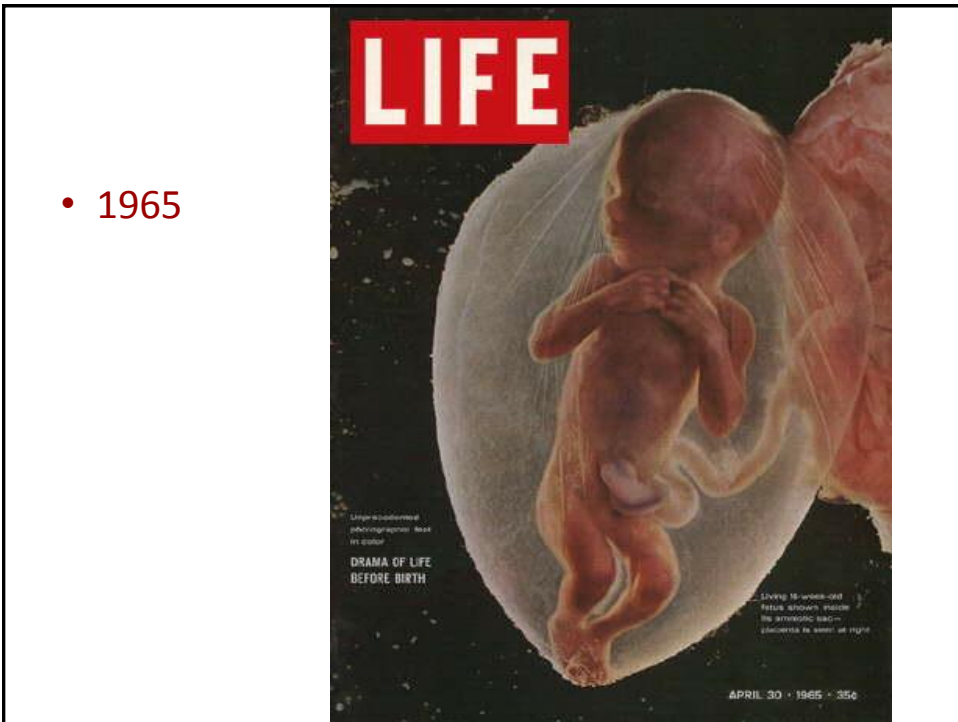
Understanding human values,
institutions and behaviours



Visions

- 1864: *“The earth is fast becoming an unfit home for its noblest inhabitants”* (George Perkins Marsh)
- 1984: *“It is man’s earth now. One wonders what obligations may accompany this infinite possession”* (Fairfield Osborn)
- 2011: *A general sense that humans are faced with a narrowing window of opportunity; if we do not act very soon it will be too late.*
- Fundamental perceptual and political changes.





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RESOLVE WG/TF inputs (4/5)

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cost

Some key themes

- **A** *The new “human condition”.*
- **B** *The cultures and histories of landscape.*
- **C** *Values, justice, and behaviour.*
- **D** *Governance, science, democracy, trust; Climategate.*
- **E** *Predicting futures.*

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RESOLVE WG/TF inputs (5/5)

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cost

Recommendations & Roadmap

- **A** A massive collaborative research effort.
- **B** Given the central role of human activity, it is vitally important to study human behaviour, social arrangements, and human-environmental interactions on a much grander scale than ever before.
- **C** A radical effort to redress the balance and to multiply funding for the social sciences and the humanities.
- **D** New interdisciplinary institutions on the European and the global level.

Task Force

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- Bernard Avril
- Carole Crumley
- Heide Hackmann
- Poul Holm
- John Ingram
- Alan Kirman
- John Marks
- Mercedes Pardo Buenída
- Bronislaw Szerszynski
- Sverker Sörlin
- Rifka Weehuizen

