

Science for Policy: Post-Normal Science in Practice



**Symposium hosted by the
Centre for the Study of the Sciences &
the Humanities (SVT),
University of Bergen**

Bergen 10 - 11 December 2014

Day 1, Wednesday December 10

Chair: Dorothy J. Dankel, SVT & the Institute of Marine Research, Bergen

09.00 - 09.30 Coffee, refreshments

09.30 - 09.45 **Opening of Symposium**, Matthias Kaiser, Director of the SVT

09.45 - 09.55 **Welcome to UiB**, Vice-rector for internationalization
Anne Christine Johannesen

10.00 - 10.10 **Symposium Welcome & Agenda**, Dorothy Dankel

10.10 - 10.40 **History and current developments in Post-normal science**, Silvio Funtowicz (SVT) & Jerome Ravetz

10.40 - 10.55 Coffee/Tea

10.55 - 11.35 **Tools for Post-Normal Science**, Jeroen van der Sluijs
Discussant: Angela Pereira (European Commission Joint Research Centre)

11.35- 11.55 **Post-normal science under conditions of co-production; what would post-normal policy look like?** Brian Wynne (University of Lancaster)
Discussant: Tom Børsen (Aalborg University)

12.00 - 13.00 Lunch

13.00 - 13.30 **Fisheries science for policy**, Martin Pastoors (Pelagic Freezer-Trawler Association)
Discussant: Mimi Lam (University of British Columbia)

13.30 -14.00 **Climate Science/IPCC & Post-Normal Science**, Joyeeta Gupta (University of Amsterdam)
Discussant: Martin O'Connor (University of Versailles)

14.00 -14.15 Coffee/Tea

15.15 - 14.45 The role of scientists in a sustainable peer-to-peer society, Diana Wildschut, (University of Amersfoort)

Discussant: Kari Stange (University of Wageningen)

14.45 - 15.15 Notes on a *Proactionary* approach (principle, process or imperative) in Post-Normal Science, Alexander Gerner (University of Lisbon)

Discussant: Kjetil Rometveit (SVT)

15.15 - 16.00 Break-Out Sessions

- **Climate Science for Policy**
Jeroen van der Sluijs & Anne Blanchard
- **Marine Science for Policy**
Dorothy Dankel & Kari Stange
- **Bio-Medical for Policy**
Roger Strand & Nora Vaage

16.00- 16.30 Break-Out Session Reporting in plenary by *Rapporteurs*

Moderator: Dorothy Dankel (SVT)

Day 2, Thursday December 11

Chair: Rasmus Slaattelid (SVT)

08.45 - 09.00 Coffee/Tea

09.00 - 09.30 Disentangling the ambiguity of peak oil: What economists and engineers do not understand, Mario Giampietro (Autonomous University of Barcelona)

Discussant: Matthias Kaiser (SVT)

09.30 - 10.00 Mathematics education and post-normal science, Kjellrun Hiis Hauge (University College of Bergen)

Discussant: Martijntje Smits (University of Utrecht)

10.00 - 10.30 When the earth shakes ... and science with it: the L'Aquila case, Alice Benessia (University of Aosta Valley) & Bruna De Marchi (SVT)

Discussant: Martin Pastoors (Pelagic Freezer-Trawler Association)

10.30 - 10.45 Coffee/tea

10.45 - 11.15 Sensitivity Auditing, Andrea Saltelli (*European Commission Joint Research Centre*)

Discussant: Roger Strand (SVT)

11.15 - 11.45 Panel Discussion

- Joyeeta Gupta
 - Silvio Funtowicz
 - Angela Pereira
- Moderator: Dorothy Dankel (SVT)*

**11.45 - 12.15 Plenary Closing session:
The Future of Post-Normal Science & final words
from Jeroen van der Sluijs**

12.15 - 13.15 Lunch and Departure

**For more information about SVT and our projects, please visit
www.uib.no/svt**

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