



*ESF Forward Look*

**Earth System Science: Global Problems, Global Science;  
Europe's Contribution to Global Change Research**

**STOCKHOLM, 30 JANUARY-1 FEBRUARY 2002**

**PROGRAMME**

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**TUESDAY 29 JANUARY 2002**

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16.00-19.00 Registration  
**Hotel Birger Jarl**  
Tulegatan 8  
Box 19016  
104 32 Stockholm  
Sweden  
Tel: +46 8 67 41 800  
Fax: +46 8 67 37 366  
<http://www.birgerjarl.se>

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**WEDNESDAY 30 JANUARY 2002**

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08.30-09.00 Registration  
**Stockholm City Conference Centre**  
Drottninggatan 71b  
107 26 Stockholm  
Sweden  
Tel: +46 8 506 166 00  
Fax: +46 8 723 15 58  
<http://www.stoccc.se>

Meeting begins in Room Norra Latin

## SESSION I

- 09.00 **Welcome and Opening** by Host Country representatives  
 Professor Enric Banda – ESF Secretary General  
 Mr. Kjell Larsson, State Secretary for the Environment  
 Professor Lisa Sennerby-Forsse – FORMAS  
 Professor Pär Omling – SRC (*tbc*)
- 09.35 **Outline of the programme and expected outputs**  
 by Dr. John Marks, Chair of the Forward Look Steering Group
- 09.50 **Opening Keynote Talk “Science for Sustainable Developments”** by Professor Bert Bolin
- Discussion **Chair:** Enric Banda
- 10.35 Coffee

## SESSION II

- 11.00 **Presentations of the cases**  
 (25 min each, including discussion) by ‘writing teams’  
**Chair:** Jean Jouzel
- Carbon:* Colin Prentice and Liliane Merlivat  
*Water:* Hartmut Grassl and Pavel Kabat  
*Food and Fibre:* John Porter, John Ingram and Jill Jaeger  
*Industrial transformations:* Stefan Anderberg and Josef Sejak
- 12.45 Lunch
- 14.00 Presentations of the cases ctd.  
 (25 min each, including discussion) by ‘writing teams’  
**Chair:** Eckart Ehlers
- Biodiversity:* Carlo Heip, Christian Leveque  
 and Andreas Troumbis  
*Climate Variability  
 and Change:* Brian Hoskins and  
 Jürgen Willebrand  
*Role of Monitoring in Global Change:* John Woods  
*Linking research and policy development:* Uno Svedin
- 15.40 Tea

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**SESSION III: Presentations by European Institutions and Organisations**

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- 16.10 Policy relevance and policy support in the EU Framework Programme Christian Patermann  
 European Space Agency (ESA) Einar-Arne Herland  
 European Centre for Medium-Range Weather Forecasts (ECWMF) David Burridge  
 European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) David Williams

**Chair:** Tony Mayer

- 17.15 General Discussion

- 18.00 **Invited Lecture "The astronomical theory of palaeoclimates: does it matter for sustainable development?"** by Professor André Berger, European Latsis Prizewinner 2001

**Chair:** Tony Mayer

- 18.45 Cocktail

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**THURSDAY 31 JANUARY 2002**

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**SESSION IV**

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- 09.00 Presentations of the international programmes by  
 World Climate Research Programme (WCRP) Peter Lemke  
 International Geosphere Biosphere Programme (IGBP) Will Steffen  
 International Human Dimensions Programme on Global Environmental Change (IHDP) Jill Jaeger  
 and International Programme of Biodiversity Science –  
 DIVERSITAS Anne Larigauderie

**Chair:** Marie-Lise Chanin

- 11.00 Coffee

## SESSION V

- 11.30 Development of an Integrated Research Plan for Europe -  
Parallel session Working Groups:
- natural sciences – social sciences  
interfaces and collaboration **Chair:** Aad Correljé
  - infrastructure and monitoring **Chair:** Anders Lindroth
  - research – policy interface **Chair:** Mike Hulme
- 13.00 Lunch

## SESSION VI

- 14.00 Plenary: Report from Working Groups  
**Chair:** Chris Rapley
- 14.30 The institutional and structural requirements for  
implementing a European integrated efforts and possibilities  
for meeting these requirements. Panel chaired by J. Marks  
with a representative of the international global change  
programmes and of EC, ESF and other institutional  
capabilities (Anver Ghazi, Tony Mayer, Will Steffen)
- 15.00 Second series of parallel sessions all three addressing  
programme development at a European scale; institutional  
barriers to a European approach and the roles for European  
organisations including ESF  
**Chairs:** Uno Svedin, Eckart Ehlers and José Manuel Moreno
- 16.30 Tea
- 17.00 Plenary: Report from Parallel Sessions **Chair:** Chris Rapley
- 18.00 Adjourn
- 19.30 Conference dinner

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**FRIDAY 1 FEBRUARY 2002**

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**SESSION VII**

09.00 Presentations from national programme managers of national programmes on current national activities and mechanisms for internationalisation of national programmes and from Euro IGFA

**Chair:** Hansvolker Ziegler

11.00 Coffee

**SESSION VIII**

11.30 Final plenary discussion: summary, conclusions, actions and closure

**Chair:** John Marks

13.00 Lunch (Steering Committee meeting to review conclusions and consider next steps)