ESSP Message to GWSP

Ada Ignaciuk & Rik Leemans
GWSP SC Meeting
8 December 2010
Bonn, Germany
ESSP ‘paper work’
Highlights from 'sister' projects and collaborative research
New Budget is published:
- Effect of the global financial crisis on fossil fuel emissions and atmospheric CO2
- New estimates of emissions from deforestation
- The historical responsibility of regions

Synthesis brochure
Second phase of GCP
Spin off activity - International Carbon Office
• Synthesising their 10 year activities
LUCILLA is here!😊
• CCAFS remains CCAFS
• Secretariat established in Kopenhagen
• SC of CCAFS will likely become enlarged
• Science meeting: 1-2 Dec, Cancun: stimulating sessions on the agenda of (new)CCAFS.
• Agriculture and Rural Development Day 2010 (“Finding sustainable agriculture solutions to meet food security and climate challenges“): 4 Dec in Cancun.
• Launch CCAFS on 4 DEC!
New activities

How to do integrative science?

Aims to address the following questions:

- What is integrative science?
- How to do integrative science?
- What are the barriers to integrative science?
- What should be done to advance integrative science?

Bioenergy Initiative

To produce a balanced and integrated view on the future of food and (bio)energy security, and its relationship with ecosystem services.
Science and Stakeholder Fora

Ongoing:

- ICSU visioning & Belmont Forum
- GEO 5
- UNFCCC-SBSTA
ICSU Visioning:

- Grand Challenges
- Open Forum on Institutional Support for the Grand Challenges
- Grand Challenges and Belmont heading down route of convergence

Draft Grand Challenges

Challenge #1: Improve the usefulness of forecasts of future environmental conditions and their consequences for people.

Challenge #2: Develop the observation systems needed to manage global and regional environmental change.

Challenge #3: Determine how to anticipate, avoid and cope with dangerous global environmental change.

Open Forum on Institutional Support for the Grand Challenges

The registration deadline for the Open Forum has been extended to 10 June, 2010.

On 22 June, 2010, the International Council for Science (ICSU), in cooperation with the International Social Science Council (ISSC), will host in Paris an Open Forum to explore institutional frameworks that could effectively and successfully support the research and delivery of the Grand Challenges in global sustainability research. This Open Forum is intended to provide a platform to facilitate exchange of information and perspectives. The themes to be discussed at this event will include:

- Grand Challenges in global sustainability research
- Possible institutional frameworks to support the Grand Challenges research
- Funding perspectives
- Policy relevance/communication
- Regional perspectives

Users Online
Users: 2 Guests, 1 Bot
Collaboration with UNEP

- ESSP helped to identify authors.
- Preliminary agreement with UNEP that we will handle the scientific review of GEO-5 (with financial support for the ESSP secretariat) and identify review-editors for the individual chapters.
Highlights of talks
- Ocean acidification (and warming)
- Biodiversity loss
- Planetary boundaries
- Emissions and sinks paths
- IPCC mistakes
Highlights of ‘needs’

- Emission Pathways (1.5°, 2°, 3°)
- Identifying tipping points
- Socio-Econ Impacts
- Options twrds low C
- Regionalization of results

Conclusion: More such meetings are needed!
- UNFCCC Side Event
- ICSU/ESSP Side Event
- CCAFS workshop
- Agricultural and Rural Development Day (ARDD2)
- CCAFS launch
- Informal brainstorm about June workshop