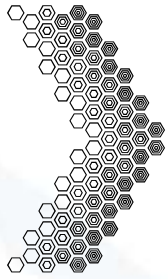


## Strong support for SDGs from the scientific community

- scientific community input called for by Rio+20 (Outcome Document)
- ICSU, together with ISSC and its other partners, is working with the UN to make sure that scientific advice and expertise is available to the OWG (expert group meeting, papers on SDGs, Scientific and Technological Community Major Group)
- based on the work of the Global Environmental Change programmes, planning of *Future Earth*, and other relevant research undertaken
- interdisciplinary science, integrating natural and social sciences



# PLANET UNDER PRESSURE

2012 MARCH 26-29  
LONDON



## The conference

- New scientific knowledge resulting from last 10 years of research
- 3000+ participants (139 cs)
- Natural and social scientists
- Senior policy makers, industry leaders, NGOs, development agencies
- 40% developing countries
- Day 4: High-Level Policy



And their Earth System Science Partnership

## Feeding new scientific knowledge & advice into Rio+20 and follow-up

- White papers and **Rio+20 policy briefs** discussed at Rio+20 S & T Forum
- **State of the Planet Declaration** presented at Rio+20
- Launch of new 10-year research initiative: *Future Earth – research for global sustainability*

### More information:

[www.planetunderpressure2012.net](http://www.planetunderpressure2012.net)

[www.icsu.org](http://www.icsu.org)



# Planet under Pressure: Rio+20 Policy briefs

- Water security
- Food security
- Biodiversity and ecosystems
- Transforming governance and institutions
- Interconnected risks and challenges
- Energy security
- Health
- Well-being
- Green economy

[www.icsu.org/rio20/policy-briefs](http://www.icsu.org/rio20/policy-briefs)



## First State of the Planet Declaration



released from the PUP conference

[www.planetunderpressure2012.net](http://www.planetunderpressure2012.net)

- highlights risks to planetary stability
- integration of the three dimensions
- expresses strong support for producing a set of universal SDGs
- “The research community should be involved in the development of goals, targets and indicators...”

**BELMONT**  
FORUM



**ICSU**

International Council for Science



**ICSU**

International Council for Science

**Future Earth: research  
for global sustainability  
(solution oriented  
research)**



**UNITED NATIONS  
UNIVERSITY**



United Nations  
Educational, Scientific and  
Cultural Organization



INTERNATIONAL GROUP OF  
FUNDING AGENCIES FOR  
GLOBAL CHANGE RESEARCH



**UNEP**



WMO as  
observer

**Science and Technology Alliance for  
Global Sustainability**

## **Some of the challenges we face**

- Eradicating extreme poverty
- Feeding 9 billion people within sustainable planetary boundaries
- Valuing and protecting nature's services and biodiversity
- Adapting to a warmer and more urban world
- Transitioning to low carbon societies
- Providing income and innovation opportunities through transformations to global sustainability
- Aligning governance with stewardship

# SDGs to be established by the OWG



The first step is for policy makers to establish a unified environmental, social and economic framework for the SDGs

Gisbert Glaser, Senior Advisor,  
International Council for Science (ICSU)