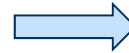


# **New ICSU Initiatives: 2012-2017**

**Carthage Smith**  
**Deputy Executive Director**

# Integrated themes



# Key Challenges

1. Integrating regional and global activities and bridging the gap to less developed countries
2. Integrating disciplinary perspectives
3. Aligning and optimising structures and functions

## New for 2012

- Future Earth
- Urban Health and Wellbeing
- Future Horizons (Nanotech, 23-24 Feb, Paris)
- Rio+20
- CODATA review
- External review of ICSU

# A global Alliance for a new 10-year initiative



Note: WMO as an observer

# Future Earth features

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- A trans-disciplinary enterprise co-designed in an alliance
- Reorganizing the entire global environmental change research structure, and the way of doing research
- Integrating the understanding of how the Earth system works to finding solutions for a transition to global sustainability

# Transition phase: key events and expected outcomes



<b>Transition Team (TT) meetings</b>
<b>Presentation events</b>
<b>Alliance partners gov. bodies</b>

\*Education, communication , interaction with stakeholders

# Rio+20



- ICSU is co-organising partner for the Scientific and Technological Community Major Group for Rio+20.
- 5 ICSU-UNESCO regional S&T workshops in 2011 (Africa, Asia, Arab States, Latin America, Europe).
- Rio+20 preparatory meetings – regional and global - submitting written and oral input.
- Nine Rio+20 policy briefs developed as preparation for *Planet under Pressure*.
- Mobilising ICSU National and Union Members.



- 5-day Forum on Science, Technology and Innovation for Sustainable Development at Rio+20
  - Themes: Food security, Water security, Energy, Climate and environmental change, Urban wellbeing, Disasters, Ecosystem services and biodiversity, Traditional Knowledge, Green economy, Human wellbeing and population trends, Sustainable consumption and waste reduction.
- *Planet under Pressure* conference
- *Future Earth* launch at Forum
- Participation at Rio+20 (20-22 June 2012)

# ICSU's key messages to Rio+20:



- Planetary boundaries and the urgent need to move humanity to a sustainable path of development
- Commitments to large-scale investments in targeted trans-disciplinary research
- Need science advisory mechanisms at all levels of decision-making and governance
- New indicators of sustainable development – beyond GDP
- New contract between science and society

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