IGBP-WCRP collaborations: current and future

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Questions/Issues for discussion

• Core and Joint projects
• Integrated climate science within FE
  – Cluster?
  – Science-policy engagement
• ICSU General Assembly – joint presentations
• IGBP Landmark Synthesis activities
Integrated Earth-system approach
Questions/Issues for discussion

ESSP Joint Projects/Activities
Science-policy engagement

Key scientific findings, priorities, uncertainties

UNFCCC Subsidiary Body for Scientific and Technological Advice (SBSTA)

Research dialog - June 2014
2-day workshop - non-forest C, Nov 2013
Questions/Issues for discussion

• “Climate cluster” within FE
  – Research (physical climate, biogeochemistry, ecosystems, impacts, adaptation, …… )… to climate services

• IPCC interactions (workshops, AR6+, gaps … )

• UNFCCC SBSTA Research Dialogs
  – Lead for engagement
Two GEC agenda items/presentations

- +25 years of GEC research
- IPCC AR5 – contributions from the GEC programs
Aim - Frame the contributions of IGBP to global environmental change research

Three pillars

Core-Project Science:
Key accomplishments, links to broader Earth-system science, perspective on future directions and challenges

Earth-System Science
Retrospective on the development of Earth-System Science and a look ahead

Anthropocene
Integrated natural and social science perspective on the Anthropocene concept

Series of papers in a special issue (one from each project and an overview)

Paper(s) outlining IGBP’s contribution, highlighting key outstanding challenges and discussing the path ahead

Series of papers (involving IGBP & IHDP authors) in a special issue
IGBP Landmark Synthesis Event 2015

Fall Meeting, San Francisco
14-18 December 2015

• Integrated science sessions
• Young scientists event
• Evening reception
• Future Earth

Join us! Some joint session topics?
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• Integrated climate science within FE
  – “Cluster”? 
  – Science-policy engagement

• ICSU General Assembly – joint presentations

• IGBP Landmark Synthesis activities – AGU 2015