

**Aktuelles zum Thema globaler Wandel und den Internationalen Global Change Programmen (International Human Dimensions Programme, International Geosphere-Biosphere Programme, World Climate Research Programme, International Programme of Biodiversity Science sowie deren Verbund die Earth System Science Partnership) zusammengestellt durch das Wissenschaftliche Sekretariat des Nationalen Komitees für Global Change Forschung.**

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## **Announcements:**

**July 2011: *New online discussion forum.*** Recently, the Earth System Governance Project has launched an initiative on “international environmental governance and the institutional framework for sustainable development” that aims at contributing to the process leading to the 2012 United Nations Conference on Sustainable Development (Rio+20 Conference). At the core of this initiative is a new website: [www.ieg.earthsystemgovernance.org](http://www.ieg.earthsystemgovernance.org). This website will compile easy accessible and structured information on International Environmental Governance and will solicit advice and comments from the global research communities, stakeholders, and policy makers, hopefully leading to a lively science based but solution oriented discussion.

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**July 2011:** NKGCF published a recommendation for national research funding options to “**Ecosystem services and biodiversity 2020: ecological, social and economical development and conceptions to global change**”. The recommendation underlines the importance of mutually agreed interdisciplinary research activities to draw up the course of action to preserve biodiversity and ecosystem services. NKGCF sees urgent need for a coordinated and between institutions mutually agreed approach in which competencies of universities and research institutes are bundled as well as relevant practitioners are integrated. [More information](#)

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**August 2011: Earth Observation for Ocean-Atmosphere Interactions Science: Registration now open!** This joint ESA-SOLAS-EGU conference aims at bringing together the Earth Observation and SOLAS communities, as well as scientific institutions and space agencies involved in the observation, characterisation and forecasting of ocean-atmosphere interactions and their impacts. [Find out specific topics of the conference](#)

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**August 2011:** NKGCF together with ESSP, ISSC and ICSU are convening a session at the [Planet Under Pressure](#) Conference (London, 26 - 29 March 2012) on the “**Challenges of Integration**”. The session will address questions about integration of different disciplines and knowledge by giving practical examples of “integrative” flagship initiatives that focus on global change challenges such as water, oceans, carbon, food systems and sustainable land use as well as multidisciplinary educational schemes. [Submit abstracts](#)

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**September 2011:** New NKGCF brochure: **Global Change Research in Germany 2011**. From past global changes to land management, polar research, research about oceans and urban agglomerations, energy concepts, governance structures, earth observation, earth system modeling to data availability, capacity building and education of the next generation of scientist, all these topics are introduced in this newly published brochure of NKGCF. To order a hardcopy please visit our website [Link](#)

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**September 2011: Countdown to the First WCRP Open Science Conference: Climate Science in Service to Society.** With more than 2100 abstracts and 1500 currently registered participants, the WCRP Open Science Conference is promising to be one of the most exciting and stimulating gatherings of the international scientific research community focused on climate variability and change. Detailed Agenda is now available [here](#)

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**September 2011:** Report from the international conference of the Mountain Research initiative *“Climate Change in High Mountain Regions: From Understanding of the Past to Modelling of the Future”*. Studies from high altitude sites and environmental observatories such as Sonnblick clearly show the effect of CO<sub>2</sub>, other gases, and aerosols on the radiation budget and related warming of the atmosphere. Shrinking glaciers and disappearing snow cover are obvious consequences of global change that are highly relevant for mountain hydrology and downstream river catchments due to changes in annual cycling and the amount of river flow. This is particularly true in Asian and South American mountain regions upon which so many depend. The conference participants agree that mountain regions need specific attention in climate research and should be addressed in more research programs. In particular, improved access to observational meteorological data is needed. Among the ways to increase access to data that were discussed at the conference is a new initiative the participants support: the High Elevation Instrumental Data Inventory (HEIDI). More information about the conference available soon [here](#)

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**September 2011: IPBES e-newsletter** was published by DIVERSITAS-international in cooperation with IHDP and ICSU. [More information](#)

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**September 2011:** GLP workshop on **"Land Use Transitions in South America"** (17-19th November 2011). The workshop will bring together scientists to exchange their views on one of the world's most diverse and dynamic regions in the globe. South America has experienced significant land use transitions in the past, especially due to the expansion of large-scale agriculture in countries such as Brazil and Argentina. The size of the workshop is restricted, but we have a small number of space still available for interested participants. [More information](#)

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## **Deadlines:**

**15 September 2012:** Deadline for abstract submissions to **“Tenth international Conference on Permafrost”**. The conference will report on results from permafrost research in the Arctic, Antarctic, and mountain regions. The core theme of the conference – «Resources and risks of permafrost areas in the changing world» - relates to changes in the permafrost but also evokes the increasing role of mankind in transforming the Arctic and Subarctic environment. [More information](#)

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**16 September 2011: Planet under Pressure 2012: The abstract submission deadline is approaching!** The conference will provide a comprehensive update of the pressure planet Earth is now under. Each day will include relevant aspects of the conference themes: A. Meeting global needs: food, energy, water and other ecosystem services, B. Transforming our way of living: development pathways under global environmental change, C. Governing across scales: innovative stewardship of the Earth system. The conference will discuss solutions at all scales to move societies on to a sustainable pathway and will provide scientific leadership towards the 2012 UN Conference on Sustainable Development - Rio+20. [Submit abstracts](#)

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**16 September 2011/2 October 2011:** Deadline for abstract submissions to **“Problems of adaptation to climate change”**. Considering the need for scientific discussion of adaptation issues, international

exchange of adaptation experiences and plans, and identifying priorities for adaptation research, the Russian Federation will hold a major international conference on the problems of adaptation to climate change (PACC-2011), the idea of which was supported by the G8 Summit in Muskoka (Canada, 25-26 June 2010). The topics of PACC-2011 will include: assessment of climate change impacts on sustainable development, vulnerability, risks, losses and benefits, capacity for adaptation to the current and anticipated climate change, large-scale weather anomalies and their consequences, including development of observation systems and early warning systems, and identifying new approaches to enable preservation of stable climate. [More information](#)

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**30 September 2012:** Deadline for abstract submission to “**Global Risk Forum – One Health Summit 2012 - What shall be achieved?**”. The One Health approach asks for more, better and closer cooperation between the many actors and agents in these fields, and aims to strengthen an integrative risk management approach to save lives and livelihoods, improve public health and reduce costs. Only an integrative and holistic strategy and methodology will provide added value and allow for sustainably managing today's manifold, complex and interdependent risks opposed to health and welfare. [More information](#)

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**30 September 2012:** Deadline for abstract submission to the **International Polar Year 2012 Conference “From Knowledge to Action”**. The International Polar Year (IPY) 2012 Conference “From Knowledge to Action” draws international attention to the Polar Regions, global change, and related environmental, social and economic issues. Abstracts will be accepted for both oral presentations and posters to sessions such as “Science Highlights and - Synthesis and Integration”, “From Knowledge to Action, Public Engagement” and “Education and Outreach”. [More information](#)

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**31 October 2012:** Deadline for abstract submission to “**EuroGEOSS 2012 – Advancing the vision for GEOSS**”. EuroGEOSS is a conference on information systems and multi-disciplinary applications of science and technology. The conference provides a forum for developers, users and decision-makers working with advanced multi-disciplinary information systems to improve science and decisions for complex societal issues. [More information](#)

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**20 January 2012:** Deadline for abstract submissions to **EcoSummit 2012**. This conference will bring together the world's most respected minds in ecological science to discuss restoring the planet's ecosystems. This international conference will explore innovative science-based strategies that are socially and culturally acceptable to create, manage, and restore these ecosystems, ensuring that society has access to all these ecosystem services. [More information](#)

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