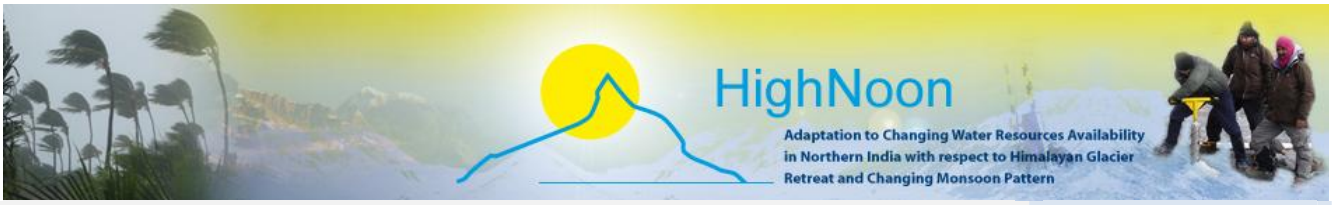
HighNoon Newsletter



January 2012 ● Issue 4 ● HighNoon ● www.eu-highnoon.org

Editorial

The HighNoon project has entered its final phase. The interaction with stakeholders in the case study areas and other stakeholders receives much attention. In Allahabad and in the Kansabati Basin stakeholder workshops were organized at the district and community level to prioritize adaption options. The HighNoon Spring School is about to start to share and further discuss solved and unresolved climate change adaptation issues.

Workshop Kathmandu on Glacier, Snow Melt and Runoff in the Himalayas (6-7 February 2012)

This workshop is bringing together regional and international researchers, government administration and donor agencies to discuss the current state of cryospheric and glacio-hydrologic research in the wider Hindu Kush – Himalayan region. More specifically, the workshop is intended to address the state of current knowledge on the consequences of ongoing climatic changes on glaciers, snow melt and runoff and to identify the most important gaps in knowledge where action will be most needed in the future. Based on the outcome of the workshop, the organizers will produce a status report and address initial issues which will be used as input for implementation plans during a second workshop planned by ICIMOD in late April / early May.
Read more and register via the HighNoon website.

This issue's highlights:

HighNoon Spring School (April 2-6, 2012, IITD India)

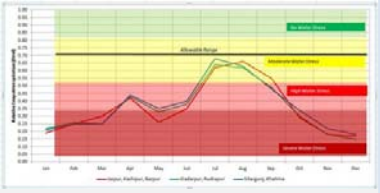
The main subject of this Spring School is adaptation to changing water resources and water demand with glacier retreat and changing monsoon precipitation and related science policy interaction. This course will improve your knowledge on the climate change and socio economic changes, understand uncertainty and will also give you hands-on experience in participatory processes to develop adaptation measures.). Read more and register via the HighNoon website

Roundtable discussion on bi- and multilateral Indo-European cooperation

On Monday 28 November 2011 in New Delhi a roundtable discussion on Indo-European Cooperation on Climate Research and innovation was organised by the EU Delegation to India in cooperation with Department of International Development (DFID), UK and the EU's FP7 project "HighNoon". 35 participants from research, policy and donor organisations from the EU and India discussed state of the art, research gaps and innovations in the fields of climate science and adaptation to climate change. Read more and view the list of presentations.

GIS Indicator Framework

Work Package 5 developed a tool with GIS based indicators to evaluate the impacts of adaptation measures in northern India. The indicators are used to describe the current status of land and water resources and to assess the effectiveness of adaptation measures across scales and sectors. Read more and view the online tool.



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Next Newsletter

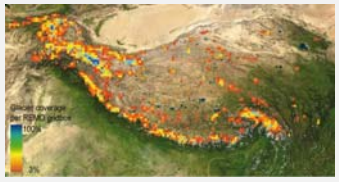
Planned: April 2011

Crop production field experiments at IIT Kharagpur

Indian Institute of Technology (IIT), Kharagpur has designed crop production field experiments to understand the effects of climate change on food grain production of rice and wheat crops using modeling analysis. Field experiments have been developed to study the effects of rainfall, fertilizer-N inputs and varieties of rice and wheat to understand and model the effects of climate change on the yield of these crops. The experiments and analysis will provide information on some aspects of climate change adaptation strategy(ies) to improve/sustain crop production as well. Read more.

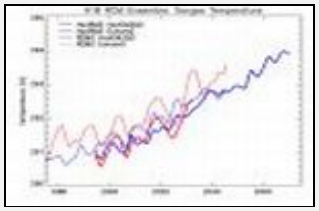
Estimating glacier areas and volumes

Regional climate models (RCMs), as applied within the HighNoon project, use glacier areas and glacier volumes in combination with mass and energy balance models and therefore allow a dynamical coupling of glaciers with the climate. To provide the required glacier data to the climate modelers, UNIGE collected glacier outlines from various databases and compiled a comprehensive inventory of the best available glacier data for the entire HighNoon modeling domain. Read more



Article 'Meticulous modelling' published in Research

HighNoon project coordinator Eddy Moors discusses in Research Media glacial retreat in the Himalayas and the need for improved climate and hydrological modelling for the development of adaptive solutions to help the region continue to thrive. Read the article in pdf



Upcoming events

- Workshop Kathmandu on Glacier, Snow Melt and Runoff in the Himalayas (6-7 February 2012)
- Side Event at the 12th Delhi Sustainability Development Summit: "Adapting to the Changing Climate and water resource availability in Ganges Basin" on 2-4 Feb, 2012, New Delhi)
- HighNoon Spring School (April 2-6, 2012, IITD India)
- Meeting: Cryosphere and Climate Change (2-4 April 2012), Manali, India
- HighNoon Science – Policy workshop on 6 April 2011, New Delhi
- India Water Week, 10-14 April 2011 at New Delhi

Stakeholder workshop for Prioritization of Adaptation Options for Case Study of Delhi

As part of WP6, multiple stakeholder interactions have been carried out in the case study of Delhi for identification of suitable adaptation options. A workshop specifically aiming at prioritization of adaptation options was organized at TERI on 15th September 2011. Expert Choice©, a software used for Analytical Hierarchy Process (AHP), was employed as the tool in this participative exercise that involved experts representing diverse stakeholder interests. Read more

HighNoon Internship Tanya Singh

Tanya Singh had her internship at TERI and focused mainly within the framework of WP 4 of the HighNoon project. WP 4 intends to develop a new participatory methodology for the prioritization of adaptation strategies in response to climate change. The two main goals for the internship were: developing an evaluation framework, and carrying out a literature review in order to collect different possibilities on how to address the economic dimension in the participatory prioritization process on climate change adaptation strategies in phase III of the HighNoon project. Read more