

Centre News

Extraordinary Board of Governors meeting appoints David Molden as next ICIMOD Director General

An Extraordinary Board of Governors meeting was held at ICIMOD headquarters in Kathmandu from 23 to 28 May 2011 with the main purpose of selecting a new Director General to replace Dr Andreas Schild, who will complete his term at the end of 2011. Following presentations by the four candidates shortlisted by the selection committee, the Board appointed Dr David Molden as new Director General of ICIMOD. Dr Molden will assume duties from 1 December 2011.

Dr Molden, a national of the United States, is a development specialist with more than 30 years of experience in designing, planning, executing, and monitoring programmes on water management, livelihoods, environment, and ecosystem services. He has acquired considerable management experience in a number of positions, including Chief of Party for the USAID irrigation management project in Nepal, Chief of Party for a USAID strategic research project in Egypt, and Leader of the International Water Management Institute (IWMI) Comprehensive Assessment of Water Management in Agriculture programme. Currently he is the Deputy Director General Research of IWMI in Sri Lanka. Dr Molden has worked in several countries in the Hindu Kush-Himalayan region, including China, India, Nepal, and Pakistan, and has experience in projects in the Indus, Ganges, Yellow, Mekong, Yangtze, and Amu and Syr Darya river basins.



Dr David Molden

Dr Molden has a PhD in Civil Engineering from Colorado State University in the United States. He has received many awards including the CGIAR Outstanding Scientist award in 2009 and the Sri Lanka President's Award for Research in 2002 and 2005.

Additional meeting highlights

New regional Board members from were introduced and welcomed. Dr Lars Erik Liljelund was appointed as the new Chairperson of the Programme Advisory Committee and Vice Chair of the Board of Governors. The Board reviewed the audit report, the progress of the ICIMOD Foundation, and the activities of the Finance Committee, and approved the draft Revised Guidelines for Selecting Strategic Partners.

The forty-second Board Meeting will be held in Bhutan in November 2011, hosted by the Government of Bhutan.

Programme Advisory Committee meeting

The Board Meeting was preceded by meetings of the Programme Advisory Committee, Finance Committee, and ICIMOD Foundation.



After presentations of ICIMOD's recent work, the Programme Advisory Committee commended the Centre on achieving good results over a short period. Emerging regional programmes, their dynamics, and coverage were also presented for input. The Director General of ICIMOD, Andreas Schild, outlined the future outlook of the Centre, its priorities, and challenges, particularly in relation to strengthening ownership by the regional member countries. The committee noted several upcoming global and regional events that present outreach opportunities for ICIMOD to promote the sustainable mountain development agenda, including the seventeenth Conference of the Parties (COP 17)

of the United Nations Framework Convention on Climate Change (UNFCCC) in Durban, South Africa (28 November – 9 December 2011); the United Nations Conference on Sustainable Development (Rio+20) in Rio de Janeiro, Brazil (4–6 June 2012), the Bhutan Climate Summit for a Living Himalayas in Thimpu, Bhutan (19 November 2011), and the International Conference on Sustainable Mountain Development in Lucerne, Switzerland (10–12 October 2011).

Anju Rana, arana@icimod.org

New Regional Board Members



Dr Tishya Chatterjee,
Secretary, Ministry of
Environment and Forests,
Government of India

Dr Tishya Chatterjee, Secretary of the Ministry of Environment and Forests, Government of India, was nominated to the

ICIMOD Board in January 2011 by the Government of India. Prior to his current position, he served as the Special Chief Secretary, Planning Department, Government of Andhra Pradesh. Dr Chatterjee is part of the Andhra Pradesh cadre of the Indian Administrative Service (IAS) and has served in different capacities at the district and state level. Some of his major postings include Member Secretary of the State Pollution Control Board of Andhra Pradesh, Principal Secretary of the Municipal Administration Department, Principal Secretary of Environment and Forests, Principal Secretary of Roads and Buildings Department, and Director for the Environment Protection Training and Research Institute (EPTRI) in Hyderabad.

His major achievements in the environment sector include setting up India's first four common bio-medical waste management facilities as a public-private partnership in 1999; setting up India's first industrial hazardous solid waste common management facility as a public-private partnership in 2001; and the creation of environmental zones using geographic information systems to plan industrial locations. He holds a PhD in Economics (Environment) from Hyderabad Central University, Hyderabad (2007); a Post Graduate Diploma in International Development and Cooperation from the University of Ottawa, Canada (1990); and a Master's in History (1975) and Bachelor's in History and

Economics (1973), both from the St Stephen's College, University of Delhi (1975). He has over 15 publications to his credit.



Dr Dinesh Chandra Devkota,
Vice Chairman, National
Planning Commission,
Government of Nepal

Dr Dinesh Chandra Devkota represents Nepal on the Board of ICIMOD effective March 2011. Born in Gorkha, Nepal,

Dr Devkota joined the National Planning Commission in 2009, becoming Vice Chairman on 5 June 2011. Prior to this appointment he was Acting Vice Chairman of the National Planning Commission. In these positions, he has contributed to policy formulation in the fields of climate change, biodiversity, forest management, the Mountain Alliance initiative, green economy planning, and public-private partnerships. He was a climate change negotiator for Nepal at the United Nations Framework Convention on Climate Change (UNFCCC) Conference of the Parties (COP) 15 in Copenhagen, Denmark in 2009 and at UNFCCC COP 16 in Cancun, Mexico in 2010.

Dr Devkota has a PhD in Engineering Science (Environmental) from Saitama University, Japan; a Master of Science in Engineering from Southern Illinois University Carbondale (SIUC), United States of America; and a Bachelor of Engineering from Tribhuvan University, Nepal. Dr Devkota has more than 25 years experience in development dealing with infrastructure engineering, safeguard issues (mainly environment), community development, and sustainable development. From 1995 to 2007 he was involved in community-based infrastructure, mainly rural water supply and sanitation, engineering project, and research work for various

international non-governmental and intergovernmental organisations. He worked for the Asian Development Bank, Project Preparatory Technical Assistance (PPTA), as Environment Specialist and for the Ministry of Local Development of Nepal, Department of Local Infrastructure Development and Agricultural Roads, Rural Reconstruction and Rehabilitation Sector Development Program (DoLIDAR/RRRSDP) as Environmental Management Specialist.

Dr Devkota is also a visiting professor in the Central Department of Environmental Science at Tribhuvan University. As a part-time faculty member in the Institute of Engineering, Tribhuvan University, Kathmandu, he has guided several student projects and supervised several master's theses. He has also contributed towards course design, curriculum development, content preparation, writing of course manuals, seminars, and research/project work evaluation for various engineering education programmes in Nepal and the United States of America. He has received many awards, and his achievements and innovative results have been published in more than 30 reputable national and international journals.



**Dr Pal Prestrud, Director,
Centre for International Climate
and Environmental Research,
Norway**

Dr Pal Prestrud, Director of the Centre for International Climate and Environmental Research

(CICERO) in Oslo, Norway, was nominated to the ICIMOD Board as Independent Board Member in November 2010. Dr Prestrud has vast practical field and research experience in national and international polar research and polar environmental management. He spent several years in the Arctic doing fieldwork and participated actively in developing the the Rovaniemi Process for intergovernmental cooperation and later the Arctic Council. He is well versed in different aspects of climate change such as physical climate change, impacts, mitigation, adaptation, policy development, and international climate negotiations.

Dr Prestrud began his career with the Norwegian Polar Research Institute as a scholar and scientific assistant in 1977, and has held a number of key positions over the years. He worked for the Governor of Svalbard from 1982 to 1985 and became the Head of the Unit on Environmental Impact Assessments at the Norwegian Polar Research Institute in 1985. From 1988 to 1994, he was the Advisor and Deputy Director General of the Section on Polar Affairs and Cooperation with Russia,

ICIMOD Board of Governors 2011

Regional Board Members

H.E. Raz Mohammad Raz

Deputy Minister of Irrigation and Infrastructure
Ministry of Agriculture, Irrigation & Livestock, Afghanistan

Mr Naba Bikram Kishore Tripura*

Secretary, Ministry of Chittagong Hill Tract Affairs
Bangladesh Secretariat, Bangladesh

Mr Sherub Gyaltsen

Secretary, Ministry of Agriculture, Bhutan

Prof. Ding Zhongli

Chairman of CN-ICIMOD
Vice President, Chinese Academy of Sciences, PR China

Dr Tishya Chatterjee IAS

Secretary, Ministry of Environment and Forests, India

Dr Nyi Nyi Kyaw

Deputy Director General, Forest Department
Ministry of Forestry, Myanmar

Dr Dinesh Chandra Devkota

Vice Chairman, National Planning Commission, Nepal

Mr Shafqat Hussain Naghmi

Secretary, Ministry of Food, Agriculture and Livestock, Pakistan

Independent Board Members

Dr Lars-Erik Liljelund

Chair, ICIMOD Programme Advisory Committee (PAC)
Vice Chair, ICIMOD Board of Governors (BoG)
Chief Executive, The Foundation for Strategic Environmental Research,
Sweden

Dr Elke Förster

Environment, Climate Change and Biodiversity (4701)
Priority Area Manager
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Germany

Dr Amir Muhammed

Rector, National University of Computer and Emerging Sciences, Pakistan

Dr Linxiu Zhang

Professor and Deputy Director, Centre for Chinese Agricultural Policy
Chinese Academy of Sciences (CAS), PR China

Professor Matthias Winiger

Former Vice Chancellor, Department of Geography, University of Bonn,
Germany

Dr Lars-Erik Liljelund

Director General, Prime Minister's Office, Sweden

Dr Pal Prestrud, Director

Director, CEO, CICERO, Norway

Dr Christoph Graf, Chair

Chair, ICIMOD Support Group
Head, South Asia Department, Federal Department of Foreign Affairs
Swiss Agency for Development and Cooperation (SDC), Switzerland

Dr Andreas Schild, (Ex-officio) Director General, ICIMOD

* Profile will be provided in the next periodical

Department for International Affairs, Norwegian Ministry of Environment, and from 1994 to 2001, he was the Director of Research for the Norwegian Polar Research Institute. He was the Head of Department of the Division of Science and Technology at the Norwegian Research Council for a year before being appointed as Director of CICERO in 2002.

Dr Prestrud obtained his PhD from Oslo University in 1992 with his thesis on 'Arctic foxes in Svalbard: population, ecology and rabies'. He taught at the University of Oslo and the Norwegian University of Life Sciences, where he supervised master's and doctoral students. He has also written a number of peer-reviewed articles in international journals and newspaper articles.



**Mr Shafqat Hussain Naghmi,
Secretary, Ministry of Food
and Agriculture, Pakistan**

Mr Shafqat Hussain Naghmi, Secretary, Ministry of Food and Agriculture in Pakistan, is the new Regional Board

Member of ICIMOD for Pakistan. He took the position in March 2011. Mr Naghmi has 29 years of leadership experience in public sector planning, development, and policy formulation and implementation. In his current

capacity, he is responsible for the overall functioning of the Ministry, preparing the Yearly Trade Policy, and liaising with the Food and Agriculture Organization of the United Nations and other international organisations.

He started his career with the Civil Aviation Authority of Pakistan as a General Manager of the Finance Department and later headed the National Highway Authority. As Director General, he headed the Federal Government Employees Housing Foundation, the Immigration and Passport Authority, and the Industries and Mineral Development of the Government of Pakistan. He also served as the Joint Secretary of the Ministry of Food and Agriculture, Acting Secretary of the Ministry of Special Initiatives and the Ministry of Commerce, and Additional Secretary of the Ministry of Food and Agriculture.

Mr Naghmi graduated from Quaid-i-Azam University with a Master's in International Relations. He also holds a Master's Degree in Business Administration from the University of California, United States, and a Postgraduate Diploma in Executive Leadership Development from Harvard University, United States. Additionally, Mr Naghmi has undertaken specialised training in finance and accounting from Stanford University, United States.

Nepal-ICIMOD Day: Climate Change Adaptation and Resilience Building in Nepal

The second Nepal-ICIMOD Day was held on 11 March 2011 at ICIMOD's Headquarters in Kathmandu to demonstrate programme results and to increase collaboration on the theme of 'Climate Change Adaptation and Resilience Building in Nepal'. ICIMOD and its Nepalese partners collaborate in designing and implementing programmes to deal with critical issues such as disaster risk reduction, livelihood diversification, biodiversity conservation, integrated watershed management, and reducing emissions from deforestation and forest degradation (REDD). The main objective of the event was to communicate the results and process of this collaborative work to policy makers and development partners in Nepal to obtain feedback, improve ICIMOD's work, and stimulate further collaboration.

Nepal-ICIMOD Day featured presentations on programmes followed by a lively discussion. The event was attended by representatives from the government, diplomatic missions, the donor community, and partner organisations. Dr Andreas Schild, Director General of

ICIMOD, stressed the need to maintain a long-term perspective while addressing climate change adaptation and resilience building, and the need to reduce scientific uncertainty regarding climate and global change in the Himalayan region.

Presenters included Dr Madhav Karki, Deputy Director General of ICIMOD, who highlighted the features and results of ICIMOD's work in climate change adaptation and community resilience; Mr Keshab Thapa from Li-Bird, who presented key results of the community-level adaptation project in agroforestry management and livelihood diversification in the middle hills of Nepal; Dr Narendra Khanal, Professor at Tribhuvan University, who shared his work on socioeconomic vulnerability from glacial lake outburst flood risk in the Koshi Basin; and Mr Resham Bahadur Dangi, Deputy Director General of the Department of Forests, Government of Nepal, who highlighted the issues and challenges his department is facing in enhancing climate resilience and the adaptive capacity of the forestry sector in Nepal.

Main outcomes of the event included:

- identification and recommendation of new approaches to multi-stakeholder coordination and collaboration – including the involvement of the private sector – to integrate climate change adaptation into the overall national development process;
- a recommendation to the Government of Nepal to consider the increased level of vulnerability and risks from climate change not only as threats, but also as opportunities to its development process;
- emphasis on the need to focus on income-enhancing and livelihood-diversifying activities to build community resilience; and
- a recommendation to the National Planning Commission and ICIMOD to jointly set up a national policy and programme coordination mechanism to make the Nepal-ICIMOD collaboration more coordinated, effective, result oriented, and above all relevant to the different stakeholders in Nepal.

Nepal-ICIMOD Day was followed by ICIMOD's annual Open House Day on 12 March 2011, which was attended by more than 2,500 visitors (see p51).



Pakistan-ICIMOD Day, Islamabad

ICIMOD and its nodal agency in Pakistan, the Ministry of Food and Agriculture, organised Pakistan-ICIMOD Day in Islamabad on 18 April 2011. The aim of the event was to facilitate wider consultation with national partners to take stock of ongoing programmes and identify areas for future collaboration. The event coincided with the start of a one-week training course on cryosphere monitoring and assessment based on remote sensing in Pakistan within the framework of the SERVIR-Himalaya initiative.

Mr Shafqat Hussain Naghmi, Secretary of the Ministry of Food and Agriculture, was the guest of honour at the inaugural session. Major General (retired) Ahmad Bilal, Chairman of the National Space Agency of Pakistan (SUPARCO), and Dr Amir Muhammad, Rector of FAST University, were also present. Dr Andreas Schild, Director General of ICIMOD, welcomed the participants and outlined the future work of ICIMOD. In his inaugural address, Mr Naghmi highlighted the importance of mountain systems in Pakistan and future challenges. He pledged the support of the Government of Pakistan to ICIMOD and its partners in Pakistan.

Climate change and its impacts on Pakistan's glacial and water resources, specifically in the Indus Basin, were discussed in detail. All partners concurred that climate change is affecting water availability, agriculture, and biodiversity, and that rangelands and mountain areas are being most affected, with severe consequences for human life and wellbeing. There is a need to study the long-term effects of climate change, its impacts, and adaptation strategies. Partners expressed clear interest in cryospheric research and capacity building to help institutions in Pakistan undertake research on glacial melting, develop climate change



scenarios, and conduct hydrometeorological modelling to enable projects to address climate change on a decadal time scale.

It was also agreed that climate change has substantial negative impacts not only on the cryosphere, but also on watersheds and rangelands. These include negative impacts on biodiversity, medicinal and herbal plants, livestock, and grass species, which affect the livelihoods of poor mountain communities. Community-based ecosystem services, rangeland management, and the promotion of non-grazing natural products with value addition are key to sustainable ecosystem management. In the mountain areas, participatory water management, the borrowing of water, traditional water storage, and livestock diversification are some of the key coping mechanisms for 'too-much' and 'too-little' water events.

Farid Ahmad, faahmad@icimod.org



Himalayan Climate Change Adaptation Programme

The Himalayan Climate Change Adaptation Programme (HICAP) is an ambitious five-year programme to contribute to enhanced resilience to change, particularly climate change, through improved understanding of vulnerabilities, opportunities, and potentials for adaptation, and the development of strategies and policies using scientific/evidence-based knowledge in the Hindu Kush-Himalayas.

During the sixteenth Conference of the Parties (COP 16) to the United Nations Framework Convention on Climate Change (UNFCCC) in Cancun, Mexico in 2010, the Ministry of Foreign Affairs Norway announced support of more than US\$ 12 million to this project. These funds are being used for activities that emerged from the initial programme concept in the pilot phase, namely, a feasibility study of the Himalayan Climate Change Impact and Adaptation Assessment (HICIA) and 'Too Much Too Little Water', both supported by the Ministry of Foreign Affairs Norway and the Swedish International Development Cooperation Agency (Sida).

memorandum of understanding for the implementation of the project on 26 March 2011.

Besides establishing a regional knowledge platform for data collection, analysis, and sharing, and for the monitoring of changes, HICAP's central concern is with adaptation and the identification of ways to increase the resilience of women and mountain communities. The project covers the impact of changes on the livelihoods of mountain communities in the Hindu Kush-Himalayas; the vulnerabilities and adaptive capacities of mountain communities, especially women; and the generation of evidence-based actionable knowledge in support of decision-making for community adaptation.

The project will focus on policy-relevant knowledge and outreach to feed into national, regional, and international policy processes and dialogues. Keeping a mountain focus, but highlighting the importance of upstream-downstream linkages as well as interactions across local, national, and regional levels, the project will be implemented in the Indus, Ganga, and Brahmaputra basins, providing a regional overview of the Hindu Kush-Himalayas. Work under this project will also strengthen knowledge of vulnerabilities and potentials, and of how planned adaptation can support autonomous adaptation towards creating resilient communities in the Hindu Kush-Himalayan mountains and downstream.

Neera Shrestha Pradhan, nspradhan@icimod.org



HICAP is the result of a participatory process comprising frequent exchanges and interactions between the promoters (United Nations Environment Programme/GRID-Arendal, the Centre for International Climate and Environmental Research (CICERO), and ICIMOD) and the involvement of strategic and operational partners during the Promoters' Meeting (25–26 March 2011), Inception Workshop (28–30 March 2011), and Operational Planning Workshop (16–17 May 2011) held in Kathmandu. The promoters signed a



Workshops, meetings and training events (January – June 2011)

Event	Date	Place
HIMALAYA: Climate Impacts on Glaciers in the Himalayan Region, Working Meeting	10–12 January	Kathmandu, Nepal
IFAD Review and Planning Workshop	18–20 January	Kathmandu, Nepal
ICIMOD-USFS Eastern Himalayas Regional Workshop on Forests and Climate Change	24–28 January	Kathmandu, Nepal
Inception Workshop of Cryosphere Project	24–28 January	Kathmandu, Nepal
Brown Bag: SLPR development and climate change policy review by Ms Yukta Kumar	9 February	Kathmandu, Nepal
Regional Study on the Adequacy of National Policies and Institutions for Rangeland Management	10 February	Kathmandu, Nepal
Workshop on the Regional Study on the Valuation of Livestock Production in HKH	14–16 February	Kathmandu, Nepal
Case Study Writing Course for Pakistan FAO-SIDA Project Partners Training Modules and Sessions	21–23 February	Kathmandu, Nepal
Seventh Sentinel Asia System Operation Training	28 February – 4 March	Kathmandu, Nepal
Global Environmental Migration: Mountainous Regions Workshop	28 February – 1 March	Kathmandu, Nepal
Launch Workshop for the Abu Dhabi Dialogue Knowledge Forum Small Grants Program	2–3 March	Kathmandu, Nepal
Meeting on Developing Long Term Project Proposal for Kailash Sacred Landscape	3–4 March	Kathmandu, Nepal
Celebration of International Women's Day and 'Gender Impacts of Environmental and Socio- Political Change' Workshop	8–9 March	Kathmandu, Nepal
Nepal-ICIMOD Day	11 March	Kathmandu, Nepal
ICIMOD Open House	12 March	Kathmandu, Nepal
Workshop on Validating the New Generation of Watershed Management in Asia and the Pacific	15–17 March	Kathmandu, Nepal
Elaborated workshop with FAO on Future Generation Watersheds	15–16 March	Kathmandu, Nepal
Consultation on Soft Approaches for Achieving Co-benefits from Black Carbon Emissions Reductions	21–23 March	Kathmandu, Nepal
Knowledge Forum: Dr V Ramanathan, Distinguished Professor at the Scripps Institution of Oceanography, UCSD on Extreme Vulnerability of the Himalaya-Tibetan Region to Global Warming and Air Pollution	22 March	Kathmandu, Nepal
Café Climate: A Café Scientifique on 'Climate Change and Water' with Dr Garrett Kilroy, ICIMOD	25 March	Kathmandu, Nepal
HICIA Promoters' Meeting	25–26 March	Kathmandu, Nepal
Inception Workshop Himalayan Climate Change Impact and Adaptation Assessment (HICIA)	28–30 March	Kathmandu, Nepal
IFAD-FAO Knowledge Sharing Training Workshops	30 March – 9 April	Kathmandu, Nepal
IFAD-FAO KM Writing workshop: Writing to Share Knowledge Effectively	3–6 April	Kathmandu, Nepal
CSR and Climate Change Adaptation International Workshop	4 April	Kathmandu, Nepal
A Talk on Social Responsibility (CSR) & the Role for Business in Climate Change Adaptation	5 April	Kathmandu, Nepal
Writershop for finalizing the Trainers' Resource Manual for Farmers' Level Training in Beekeeping for Nepal	5–8 April	Kathmandu, Nepal
IFAD-FAO Knowledge Sharing Workshop: Knowledge Sharing for Your Work: Techniques and Tools	7–9 April	Kathmandu, Nepal
National Training for Spaced-based Information for Disaster Preparedness and Risk Assessment	9–13 April	Dhaka, Bangladesh
Handing over Ceremony for the Automatic Weather and Hydrometric Stations to the Department of Hydrology and Meteorology, Government of Nepal	11 April	Kathmandu, Nepal
ISRS International Workshop on Multinational Geomatics Capacity Building – Achievements and Challenges	11 April	Dehradun, India
Training on Participatory Integrated Watershed Management 2011	13–27 April	Kathmandu, Nepal
Training on Hydrological and Meteorological Real Time Data Acquisition	17–23 April	Kathmandu, Nepal
Pakistan ICIMOD Day	18 April	Islamabad, Pakistan
Assessment of Effects and Impact of Climate Change Training and field Assessment Programme	21–28 April	Chittagong, Bangladesh

Event	Date	Place
Building capacity of partners and honey producers of Alital VDC in Dadeldhura of Nepal in quality honey production	23–24 April	Dadeldhura, Nepal
Inception Workshop on Strengthening Honey Production Base and Market Linkages in Chittagong Hill Tracts of Bangladesh	29–30 April	Chittagong Hill Tracts, Bangladesh
National Training Course on Remote Sensing based Monitoring and Assessment of Cryosphere – Snow and Glaciers	28 April	Islamabad, Pakistan
Indus Training Workshop	2–6 May	Zurich, Switzerland
National Workshop on Development of Pro poor Value chains for Honey	3 –5 May	Kishoreganj, Bangladesh
Second Regional Steering Committee Meeting on Regional Flood Information System in the Hindu Kush-Himalayas Region (HKH-HYCOS)	4–6 May	Kathmandu, Nepal
National workshop on Development of Pro poor Value chains for Honey	11–13 May	Kullu, Himachal Pradesh, India
Himalayan Climate Change Adaptation Programme (HICAP), Operational Planning Workshop	16–17 May	Kathmandu, Nepal
Talk by Dr Young-Woo Park, UNEP Regional Director	20 May	Kathmandu, Nepal
National Workshop cum Advance Training on Use of Geo-informatics for Mapping and Modelling Forest Carbon Stocks in Nepal	16–20 May	Kathmandu, Nepal
South Asia Media Workshop on Adaptation to Climate Change	18–20 May	Dhulikhel & Kathmandu, Nepal
Knowledge Sharing Workshop on Satellite Rainfall Estimation (SRE)	19–21 May	Thimphu, Bhutan
International Day for Biological Diversity 2011: Talks by Dr Krishna Chandra Poudel, Ministry of Forests and Soil Conservation, Nepal, and Professor Dr Ram Prasad Chaudhary, Tribhuvan University, on sustainable management of forests for conserving biodiversity, developing the local economy, and adapting to climate change	23 May	Kathmandu, Nepal
Regional workshop on Kailash Sacred Landscape Conservation Initiative	30 May – 1 June	Pokhara, Nepal
Workshop to Develop Project Implementation Guidelines for the HKH Cryosphere Monitoring Project	30 May – 3 June	Kathmandu, Nepal
Capacity Building for Biotrade: Biotrade and Green Economy Week in Nepal	31 May – 3 June	Kathmandu, Nepal
World Environment Day 2011: Inter-school Essay Competition, 'Forest Conservation and its Challenges'	1 June	Kathmandu, Nepal
World Environment Day 2011: Promoting Herbal Gardens In Schools – Best Herbal Gardens Phase II Award Ceremony	5 June	Kathmandu, Nepal
World Environment Day 2011: Street Drama 'Gauma Badi Pashyo'	5 June	Kathmandu, Nepal
World Environment Day 2011: 'Voices of School Children - Children's Discussion and Expression Sessions' by the GB Pant Institute of Himalayan Environment and Development (GBPIHED)	5 June	Almora, India
National Workshop on Development of Pro poor Value chains for Honey in Chamoli District, Uttarakhand	6–7 June	Gopeshwor, Uttarakhand, India
Advance Training on Remote Sensing Tools and Methodology for Land Cover Mapping and Change Analysis	6–17 June	Kathmandu, Nepal
Regional Workshop on Kailash Sacred Landscape Conservation Initiative	13–15 June	Kathmandu, Nepal
Forest Carbon Trust Fund – REDD Payment Distribution Ceremony	15 June	Kathmandu, Nepal
Project Steering Committee Meeting of the HKH Cryosphere Monitoring	17 June	Kathmandu, Nepal
Regional Training and Knowledge Sharing Workshop on Improving Local Governance in the Hindu Kush Himalayas	17–25 June	Ilam, Nepal
Forest Carbon Trust Fund – REDD Payment Distribution Ceremony	19 June	Gorkha, Nepal
Brown Bag Seminar: The Economics of Ecosystems and Biodiversity by Dr Haripriya Gundimeda, Visiting Fellow, SANDEE	23 June	Kathmandu, Nepal
Regional Value Chain Sharing Workshop for High Value Products	27–28 June	Kathmandu, Nepal

Hosted institution – South Asian Network for Development and Environmental Economics (SANDEE)

SANDEE



ECONOMICS & THE ENVIRONMENT

Teaching and training through SANDEE for capacity building in South Asia

In the first half of 2011, the South Asian Network for Development and Environmental Economics (SANDEE) organised the following training programmes for South Asian researchers:

- **Introduction to Quantitative Environmental Economics, 24–28 January 2011, Guwahati, Assam.** The OKD Institute of Social Change and Development, Guwahati, hosted a practical six-day course for researchers from Northeast India on how to apply economic tools to valuing environmental goods and services. The course provided a general introduction to environmental economics and informed students of specific methods and strategies for valuation.
- **Research and Writing Workshop in Environmental Economics, 2–6 March 2011, Dhaka, Bangladesh.** SANDEE and the Economic Research Group (ERG) jointly organised this workshop for Bangladeshi researchers working in the field of environmental and natural resource economics. It provided a valuable opportunity for learning about the techniques of proposal writing.
- **Training Course in Environmental and Natural Resource Economics, 2–20 May 2011, Bangkok, Thailand.** This course was organised for practising South Asian economists interested in upgrading their research skills and knowledge related to environmental and natural resource economics. The course provided economists with the basic



skills necessary to teach environmental and natural resource economics and to undertake research in this area.

- **Policy Analyses for Environmental Economics, 22–24 May 2011, Bangkok, Thailand.** Professor Nancy Olewiler, Director, School of Public Policy, Simon Fraser University, was the core instructor for this training programme held at the Asian Institute of Technology (AIT). The programme's goal was to help researchers think critically about policy analysis, develop analytical skills using topical issues as examples, and incorporate policy analysis in a systematic and rigorous way into environmental economics research.
- **Research and Writing Workshop, 30–31 May 2011, Bangalore, India.** The main objective of this workshop, held at the Ashoka Trust for Research in Ecology and the Environment (ATREE), was to discuss key policy concerns in environmental economics and to help participants sharpen their research focus and choose appropriate tools for their work.

Anuradha Kafle, Anuradhak@sandeeonline.org



Participants of the Environmental and Natural Resource Economics Course Planting Trees in Khao Yai National Park, Thailand_Ghulam Samad, Pakistan-SANDEE

Partnership development (January – June 2011)

ICIMOD establishes strategic partnerships with regional and international organisations to address mountain issues and to enhance the social and environmental security of mountain people. Some of the partnerships entered into from January to June 2011 are listed here.

Strategic partnerships with international organisations

- A strategic agreement was signed with the Center for International Climate and Environment Research (CICERO), Oslo, and the United Nations Environment Programme (UNEP)/GRID-ARENDAL on cooperation under the Himalayan Climate Change Adaptation Programme (HICAP).
- A partnership was established with the Disaster Prevention Research Institute (DPRI), Japan, for academic exchange and cooperation in the area of water hazards, water resources, and disaster risk management.
- An agreement was signed for the provision of funds from the United States Forest Service to organise and host an Eastern Himalayas Regional Workshop on Forests and Climate Change.
- An agreement was signed with Le Miroir, France, to co-produce a film called 'A Cloud on the Roof of the World' to raise public awareness of advances in knowledge about climate change and Atmospheric Brown Cloud.
- A Letter of Agreement was signed for the provision of funds from the Food and Agriculture Organization of the United Nations (FAO) in support of the implementation of three regional knowledge sharing workshops.
- FAO signed an agreement with ICIMOD to support a workshop on the new generation of watershed management in Asia.
- For collaboration in the areas of water management, climate change, ecosystem services, and poverty reduction through knowledge sharing, memorandums of understanding were signed with:
 - Ev-K2-CNR (Mount Everest-Mount K2-Italian National Research Council), Italy
 - Global Observation Research Initiative in Alpine Environments (GLORIA)
- A broad framework memorandum of understanding was signed with the Institut de Recherche pour le Développement (IRD) for long-term collaboration on cryosphere and hydro climatology research and development.
- ICIMOD signed an agreement with the National Aeronautics and Space Administration (NASA) in support of the SERVIR-Himalaya initiative
- A contract was signed with the Institute for Global Environmental Strategies (IGES), Japan, for a study to identify win-win adaptation options through adaptation metrics and integrated adaptation decision-making frameworks.
- An agreement was signed with UNEP, Nairobi, to cooperate with ICIMOD on the project 'Assessment in Dryland Areas in the Hindu Kush-Himalaya'.

Partnerships with regional institutions for programme implementation

- For cooperation on the use and development of remote sensing and geographic information systems, agreements were signed with:
 - Forest Resource Assessment (FRA), Nepal
 - Bangladesh Centre for Advanced Studies (BCAS), Bangladesh
 - Bangladesh Space Research and Remote Sensing Organization (SPARSSO), Bangladesh
 - Center for Environmental and Geographic Information Services (CEGIS), Bangladesh
 - WWF, Pakistan
- A letter of agreement was signed with the Royal Society for the Protection of Nature (RSPN), Bhutan, to support the project 'Biodiversity and Climate Change Adoption in the Eastern Himalayas – Phobjikha Wetland Ecosystem as Case Study'.
- A memorandum of understanding was signed with the Department of Hydrology and Meteorology, Nepal, to continue collaboration on climate impacts on the glaciers of the Himalayas.
- To support partners in the implementation of the second phase of 'Development of Sustainable Energy



for Rangelands (DESER-II)' activities, including the establishment of a knowledge base on energy uses in rangeland areas, testing new technologies through participatory process, building partners' capacities, and constructing a trombe wall in rangeland areas, letters of agreement were signed with:

- National Trust for Nature Conservation (NTNC), Nepal
- Wildlife Institute of India (WII), India
- Gross National Happiness Commission (GNHC), Royal Government of Bhutan
- Aga Khan Rural Support Programme (AKRSP), Chitral, Pakistan
- A letter of agreement was signed with Appropriate Technologies, India, in relation to the programme 'Improving Livelihoods through Developing Pro Poor Honey Value Chains'.
- For the adoption and up scaling of various rangeland technologies and options for livelihood diversification for better adaptation to climate change, and for the valuation of ecosystem services in the Hindu Kush-Himalayas, ICIMOD entered into partnership with:
 - Lanzhou University, China
 - People's Agriculture Research and Development Center (PARC), Nepal
 - Wildlife Institute of India (WII), India
 - CSK Himachal Pradesh Agricultural University, Palampur (India)
- To implement the 'Startup Phase – Kailash Sacred Landscape Conservation Initiative (KSLCI): Developing and Implementing a Transboundary Framework for Conservation and Sustainable Development in the Kailash Sacred Landscape Region of China, India and Nepal', an agreement was signed with the Institute of Geographical Sciences and Natural Resources Research (IGSNRR), China.
- To assess the potential to establish payment for ecosystems services, agreements were signed with:
 - Forest Action (FA), Nepal
 - Nepal Environment and Tourism Initiative Foundation (NETIF), Nepal
- A tripartite agreement was signed between the Asia Network for Sustainable Agriculture and Bioresources (ANSAB), Nepal, the Federation of Community Forestry Users' Nepal (FECOFUN), and ICIMOD to set up a Forest Carbon Trust Fund (FCTF) and regulate seed grants under the NORAD REDD+ Project.

Ayushma Basnyat, ayrana@icimod.org
Farid Ahmad, faahmad@icimod.org



Outreach activities

ICIMOD observes third Open House Day

Against the backdrop of the celebrations for the United Nations International Year of Forests 2011, ICIMOD organised its third annual ICIMOD Open House Day at its premises in Khumaltar on Saturday, 12 March 2011. The knowledge-rich and fun-filled event attracted more than 2,500 visitors including partners, members of the development community, the private sector, and the general public. Various stalls, a photo exhibition, technology demonstrations, documentary shows, a street drama, a mountain quiz, and food created a festival-like atmosphere.

Visitors viewed ICIMOD's facilities and talked to programme staff in a series of guided tours. People were fascinated to learn about the different ways mountain people can make a living; about climate change and its effects on water, glaciers, and farming; gender and governance in the mountains; the importance of biodiversity in ecosystems and for livelihoods; and the use of remote sensing and geographic information systems. They also enjoyed seeing the many publications, slideshows, and demonstrations.

The photo exhibition drew attention to human activities threatening forest cover, depicted various forest goods and services, proposed sustainable forest management options, and identified institutional and governance mechanisms to ensure sustainable forest management. 'Tree of Hope' with messages, and some of them showed a high level of awareness. Messages included: 'If one baby born, plant two baby plants' and, 'Save the green. Save the energies. Then save yourself'. Over forty stalls by partners showcased knowledge and good practices and environmentally friendly and organic products, mountain resource-based products and services, simple technologies such as solar powered devices, and the Herbal Gardens in Schools initiative, among other things.

At the youth corner, the ten winners from an earlier 'Youth Corner on Climate Change Adaptation' competition presented their winning posters. This corner highlighted the critical role of youth in advocating for the mountain agenda and climate change adaptation. The youth corner also presented a drama, 'Bodh' ('Intuition'), on climate change awareness by Ram Babu Regmi, a British Council International Climate Champion. A demonstration by ICIMOD showed ice melting under direct sun, with and without debris cover, and under shade. Dr Arun Bhakta Shrestha of ICIMOD summarised, "The demonstration showed viewers how different conditions can make a difference in the melting process and how it contributes to meltwater generation". The documentary movie showings and the 'Know Your Mountain' quiz were also big hits among students.

Nira Gurung, ngurung@icimod.org

Corporate sector interest in ICIMOD

The results of the 'Corporate Social Responsibility (CSR) in 10' project undertaken by CSR Asia found that climate change, water, and biodiversity are among the top 10 issues for the private sector. Hence, there are clearly ample opportunities for private sector engagement with ICIMOD. The challenge is to identify key areas for collaboration and ways to tap into them.

ICIMOD is reaching out to the corporate sector with the message that climate change is a global phenomenon that touches all segments of society and needs the full commitment of the corporate sector. The response has been encouraging.

Laxmi Bank, a Nepal-based bank, has been actively involved in promoting green banking initiatives.



However, there is a need to make bank staff aware of issues surrounding climate change and why they are 'going green'. A group of 31 executives from Laxmi Bank came to ICIMOD to learn about the topic from our climate change specialist.

ICIMOD has also been discussing areas for collaboration with Ncell, a mobile network provider in Nepal whose slogan is 'Ncell – Here for Nepal'. Ncell is a part of TeliaSonera, a leading European telecommunication company. There is scope for mobile phones to provide business linkages and enable access to markets and critical market information on goods, services, and livelihood opportunities in rural Nepal.

The Choudhary Group, a leading corporate conglomerate in Nepal whose key message is 'Touching life every day', is seeking the expertise of ICIMOD in the area of medicinal and aromatic products. Discussions are under way to develop a partnership mechanism that is mutually beneficial.

Naina Shakya, nshakya@icimod.org

Celebrating World Environment Day with the theme: 'Forests: Nature at Your Service'

ICIMOD celebrated World Environment Day 2011 with several activities to raise awareness on sustainable forest management and forest conservation.

An Inter-school Essay Competition on 'Forest Conservation and its Challenges' was held on 1 June 2011 among 11 government schools in Lalitpur, Nepal. Twenty-three students (11 girls and 12 boys) took part in the competition. The level of awareness and knowledge about forest conservation issues and climate change was very high among the students. On 5 June 2011, the Right Honourable Prime Minister, Mr Jhala Nath Khanal, awarded the winners with certificates, cash prizes,

and books at the ceremony for World Environment Day organised by the Ministry of Environment, Government of Nepal, at the Nepal Academy Hall.

At the same ceremony, the Prime Minister awarded the winners for the Best Herbal Gardens, Phase II, among eight participating private schools in the Kathmandu Valley. The schools had developed and managed herbal gardens on their premises under the programme 'Promoting Herbal Gardens in Schools', which was initially launched to mark World Environment Day in 2010. The herbal garden programme is organised jointly by ICIMOD and the National Trust for Nature Conservation (NTNC) in collaboration with the Private and Boarding Schools' Organisation in Nepal (PABSON). The criteria for evaluation included the number of medicinal plants in the garden, health of the plants, information displayed for each plant, and involvement and motivation of students. Kanchan Secondary School, Chapagaon, came in first place; Arun Jyoti Vidhya Mandir, Jorpati, was first runner up; and Ananda Bhumi Boarding School, Maitidevi, was second runner up.

A 25-minute street drama, 'Gauma Baadi Pasyo' ('Flooding in My Village'), was performed in Ratna Park and Basantapur Durbar Square by Jagriti Samaj Nepal on 5 June. The play dramatised the consequences of deforestation, such as floods and landslides, for the lives and livelihoods of people in rural communities.



For the first time, ICIMOD conducted a regional event in celebration of World Environment Day. 'Voices of School Children – Children's Discussion and Expression Sessions' was organised in partnership with the GB Pant Institute of Himalayan Environment and Development (GBPIHED) in Almora, India. The event comprised video recordings of the views and voices of children from schools in the mountain areas, as well as an interactive session among the children.

More details about these and other events celebrating World Environment Day are available at www.icimod.org/?q=3546.

Nira Gurung, ngurung@icimod.org

Results of the World Environment Day Inter-school Essay Competition

Winners: Girls

- First: Sasa Tamang, Adarsha Saula Higher Secondary School, Lalitpur
- Second: Bhawana Chappagain, Sisneri Higher Secondary School, Lamatar, Lalitpur
- Third: Kalpana Lamsal, Tika Vidyashram Higher Secondary School, Sanepa, Lalitpur

Winners: Boys

- First: Durga Basnet, Tika Vidyashram Higher Secondary School, Sanepa, Lalitpur
- Second: Kumar Hari Nepali, Kitini Higher Secondary School, Kitini, Lalitpur
- Third: Bijay Lamichhane, Patan Higher Secondary School, Lalitpur



Extending the 'Herbal Gardens in Schools' initiative

'Promoting Herbal Gardens in Schools' is an initiative to familiarise students, teachers, and families with the conservation and sustainable use of medicinal and aromatic plants in Nepal. The idea is to involve children in making herbal gardens in their schools, so they can learn about the plants and their uses in a fun and innovative way. Fifteen private schools implemented the initiative in 2010; each established an herbal garden on their school premises, growing about 50 herbal plant species altogether. Students designed the gardens, planted herbs, collated information about the herbs, made profiles of each plant, and even wrote poems and stories. The initiative provided students with first-hand practical experience of having a garden, and through it, helped them realise the conservation significance of herbal plants.

In 2011, the herbal garden experience is being replicated in 21 new schools, which are being mentored by 7 schools from the first phase. Initially based in the Kathmandu Valley, the initiative is now involving schools in eight other districts, thus reaching out more widely in Nepal.



Other outreach events

- World Wetlands Day, 2 February 2011
- International Women's Day 2011 – Celebrating 100 Years of International Women's Day, 8 March 2011 www.icimod.org/v2/bull3/index.php/cms2/magic/view?q=2907
- Celebrating International Biological Diversity Day: Marking the International Year of Forests, 2011 www.icimod.org/v2/bull3/index.php/cms2/magic/view?q=3600
- Exhibition at the British School's Eco Festival, 18 March 2011
- Celebrating World Water Day 2011, 'Water for Cities: Responding to the Urban Challenge', 22 March 2011 www.icimod.org/?q=3062
- Exhibition at the National Plant Resource Day, 12 April 2011
- Montagnalibri – 25th International Exhibition of Mountain Publications at the Trento Film Festival 2011 (28 April – 8th May 2011)
- Students' Conservation Science Conference and Exhibition, 5–7 June 2011 www.icimod.org/?q=3546

Although the initiative is well received by participating schools, mobilising resources to ensure its continuity and sustainability is a challenge. The expansion of the initiative is a step towards exploring this possibility. ICIMOD urges private and corporate sector actors and national and international organisations to join hands to further this initiative and create ways to increase the involvement of schools. Several companies are now on board; they see the initiative as a child-centred, educational, and environment-focused programme. ICIMOD intends to upscale the concept to its other regional member countries in the Hindu Kush-Himalayas, while ensuring that the initiative is led by a national partner in Nepal. Identification of a national partner for the Herbal Gardens–Nepal Chapter is under way.

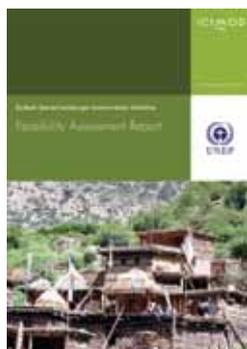
Bandana Shakya, bshakya@icimod.org

ICIMOD publications

The major documents published by ICIMOD between January – July 2011 are shown below. All publications can be downloaded free-of-charge from www.icimod.org/publications. Hard copy publications can be ordered from the Distribution Unit, distri@icimod.org. They can be provided free-of-charge to institutions actively involved in sustainable development of the greater Himalayan region.

Books and booklets

Printed



Kailash Sacred Landscape Conservation Initiative: Feasibility Assessment Report
Zomer, R; Oli, KP (eds) 108p
ISBN 978 92 9115 209 4;
LCCN 2011-312010



Pro-Poor Value Chain Development for High Value Products in Mountain Regions: Indian Bay Leaf
Choudhary, D; Pandit, BH;
Kinhal, GA; Kollmair, M 24p
ISBN 978 92 9115 198 1;
LCCN 2011-312006

Implementation of the Convention on Biological Diversity: A retrospective analysis in the Hindu Kush-Himalayan countries Desai, BH; Oli, KP; Yang Yongping; Chettri, N; Sharma, E 44p
ISBN 978 92 9115 205 6;
LCCN 2011-312009



Framework for Valuing Ecosystem Services in the Himalayas Rasul, G; Chettri, N; Sharma, E 19p; ISBN 978 92 9115 190 5; LCCN 2011-312003



Electronic only (online, CD-ROM, DVD)

Glacial Lakes and Glacial Lake Outburst Floods in Nepal, ICIMOD DVD (with full report and additional material-GIS database, maps, photos, video clips)
ISBN 978 92 9115 196 7; LCCN 2011-312005

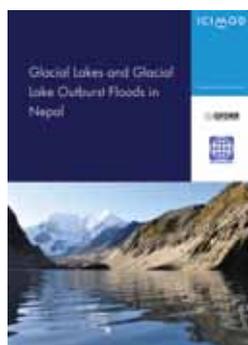


Benefiting from Earth Observation: Bridging the data gap for adaptation to climate change in the Hindu Kush-Himalayan region, proceedings of the international symposium, 4–6 October 2010, Kathmandu, Nepal Shrestha, B; Bajracharya, B (eds) 54p
ISBN 978 92 9115 200 1; LCCN 2011-312007

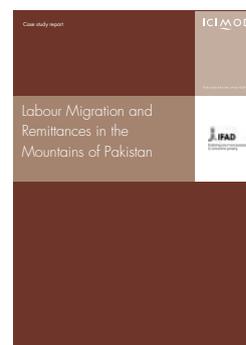


Labour Migration and Remittances in Nepal: Report of the Case Study 2010 Sherpa, D 20p
ISBN 978 92 9115 187 5;
LCCN 2010-34745

Glacial Lakes and Glacial Lake Outburst Floods in Nepal ICIMOD 96p
ISBN 978 92 9115 193 6;
LCCN 2011-312004



Labour Migration and Remittances in the Mountains of Pakistan: Report of the Case Study 2010 Hunzai, K 16p; ISBN 978 92 9115 195 0; LCCN 2010-34745



General Publications



ICIMOD Annual Report
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Newsletters

Knowledge Management
for Mountain Development:
Knowledge and technologies
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No. 58 Spring 2011

Asia Pacific Mountain Courier:
Special issue on youth action
for climate change through art: Newsletter of the Asia
Pacific Mountain Network, Volume 12 No. 1, June
2011

CNICIMOD Newsletter: Newsletter of the Chinese
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Mountain Development, (published by CNICIMOD)
Volume 5, No. 1, April 2011



Information sheets/flyers



Value Chains for Mountain
Products and Services, IS
3/11

Black Carbon in the Hindu
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Remittances: A key to
adaptation? : Perspectives
from communities exposed to

water stress in the Himalayan
Region, IS 1/11

Space-based information and
rapid mapping for Emergency
Response

Promoting Herbal Gardens in
Schools : Revitalising traditions
of herbs and their use

e-discussion summary: Improving Local Governance
in the Hindu Kush-Himalayan Region: Challenges and
Good Practices

Pilot Forest Carbon Trust Fund: Rewarding local
communities for forest conservation

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New appointments at ICIMOD

The list and profiles of ICIMOD staff are posted on the website at www.icimod.org/?q=44



Dr Manohara Khadka
Gender Specialist,
Sustainable Livelihoods
and Poverty Reduction,
April 2011



Dr Shahriar M Wahid
Senior Hydrologist
Integrated Water
and Hazard
Management,
April 2011



Ms Andrea Perlis
Head of Publishing
Integrated Knowledge
Management,
May 2011



Dr Dorothea Stumm
Glaciologist, Integrated
Water and Hazards
Management
May 2011



Ms Krishna Shrestha
Programme
Support Officer,
South Asia Water
Initiative/Small
Grants Programme,
Integrated Water
and Hazard
Management, May
2011



Mr Yuvraj Sharma
Application
Developer/
Programmer,
Integrated Knowledge
Management,
May 2011



Ms Renate Fleiner
Watershed Management
Specialist, Environment
Change and Ecosystem
Services
June 2011



Mr Sebastian Wesselman
Geospatial Capacity
Building Lead,
Integrated Knowledge
Management/MENRIS,
June 2011



Mr Mostafa Ali
GIS/Database
Specialist
Integrated Knowledge
Management/
MENRIS, July 2011