Also at ICIMOD...

South Asian Network for Development and Environmental Economics (SANDEE)

SANDEE is a regional network that brings together analysts from South Asia to address environment and development problems. Its mission is to strengthen the capacity of individuals and institutions to undertake research on the inter-linkages of economic development, poverty, and environmental change and to disseminate practical information for development policies.

In 2010, SANDEE gave thirteen research grants, mostly for climate change related questions. We supported three projects that examine instruments to adapt to climate change. The first study seeks to examine the efficacy of government information campaigns about heat waves, the second to understand the efficacy of rainfall and areabased insurance schemes, and the third examines the implications to households of REDD payments. The themes of ongoing SANDEE research projects include land and agriculture, climate change, natural disasters, urban issues, and health.

This year, SANDEE trained over 90 participants on a range of issues. Our annual course in environmental economics in Bangkok continues to be our flagship course strengthening teachers and curriculum development in South Asia and helping to link research with training. We also provided advanced training on climate change for our researchers by collaborating with TERI in India. The 2010 trainees were from Nepal (41%), Sri Lanka (29%), India (19%), Bangladesh (6%), and Pakistan (5%).

SANDEE's under-served areas programme provides support to areas that need additional assistance. In 2010, we provided support to graduate students in Nepal to undertake field data collection and analyses. We organised a training course on quantitative environmental economics for teachers from Western Nepal.

We published ten working papers, nine policy briefs, and six peer-reviewed journal articles from SANDEE research. A highlight was completing the second SANDEE book, Environmental Valuation in South Asia, for publication by Cambridge University Press in early 2011. Two activities dominated 2010. The first was the SANDEE Evaluation, which applauded SANDEE on various research and training achievements and identifies some governance-related issues that need careful consideration.

The second was the celebration of SANDEE's tenth anniversary in December 2010 with an international conference on Environment and Development in South Asia. Nobel Laureate Elinor Ostrom gave the keynote address and Prof. Karl-Goran Maler gave the Founder's address. About 150 participants attended the conference and parallel sessions with 70 presentations. Senior policy makers from the region also attended the conference, including several current and former members of planning commissions and environment and finance ministries. The conference provided a forum for regional researchers to present their work alongside international researchers, and for examining research across different countries.

SANDEE – Facts

- Established in late 1999
- Operates in Bangladesh, Bhutan, India, the Maldives, Nepal, Pakistan, and Sri Lanka
- Based at ICIMOD in Kathmandu, Nepal
- Funded by IDRC, NORAD, SIDA, and World Bank

Activities include

- Research grants programme on poverty and natural resources, pollution and policy instruments, and climate change economics
- Basic and advanced training courses in environment and natural resource economics
- Institutional strengthening in underserved areas
- Policy dissemination and networking among individuals and institutions

Publications

From ICIMOD...

ICIMOD disseminates much of the information gathered during programme activities in the form of printed and electronic publications targeted at policymakers, development workers, government experts and decision makers, students, and the interested public. Full length books and manuals are still published, but increasingly publications are being prepared in shorter, more attractive, and easy-to-read information sheets and short formats. Long proceedings and more technical material are prepared in electronic format, for example on a CD-ROM with an introductory booklet or simply through web posting. Staff also publish more academic results in (usually peer-reviewed) journals. All ICIMOD's own publications can be downloaded free-of-charge from www.books.icimod.org. Hard copies are provided free to institutions actively involved in sustainable development of the greater Himalayan region.

Books and booklets

Formation of glacial lakes in the Hindu Kush-Himalayas and GLOF risk assessment lves, JD; Shrestha, RB; Mool, PK. 56pp, ISBN 978 92 9115 137 0

Labour migration for development in the western Hindu Kush-Himalayas: Understanding a livelihood strategy in the context of socioeconomic and environmental change Hoermann, B; Banerjee, S; Kollmair, M. 26pp, ISBN 978 92 9115 139 4

Integrated value chain development as a tool for poverty alleviation in rural mountain areas: An analytical and strategic framework Hoermann, B; Choudhury, D; Choudhary, D; Kollmair, M. 41pp, ISBN 978 92 9115 146 2

Climate change vulnerability of mountain ecosystems in the eastern Himalayas: Climate change impact and vulnerability in the eastern Himalayas – Synthesis Report Tse-ring, K; Sharma, E; Chettri, N; Shrestha, A. 101pp, ISBN 978 92 9115 142 4 + CD-ROM with Synthesis report and 6 technical reports

Climate change in the eastern Himalayas: Observed trends and model projections, Technical Report 1 Shrestha, AB; Devkota, LP. 13pp, ISBN 978 92 9115 154 7

Biodiversity in the eastern Himalayas: Status, trends and vulnerability to climate change, Technical Report 2 Chettri, N; Sharma, E; Shakya, B; Thapa, R; Bajracharya, B; Uddin, K; Oli, KP; Choudhury, D. 23pp, ISBN 978 92 9115 148 6 Functions and services of wetlands in the eastern Himalayas: Impacts of climate change, Technical Report 3 Gopal, B; Shilpakar, R; Sharma, E. 21pp, ISBN 978 92 9115 161 5

Modelling climate change impact on the hydrology of the eastern Himalayas, Technical Report 4 Gosain, AK; Shrestha, AB; Rao, S. 11pp, ISBN 978 92 9115 151 6

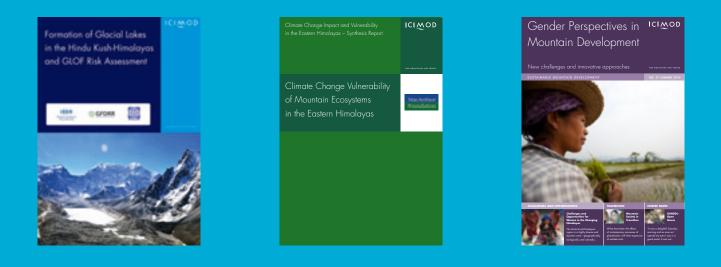
Mountains of the World – Ecosystem services in a time of global and climate change: Seizing opportunities – meeting challenges 21pp, ISBN 978 92 9115 165 3

Mountain biodiversity of the Hindu Kush-Himalayas: (pictoral booklet for IYB) 63pp, ISBN 978 92 9115 169 1 LCCN 2010 319012

Mountain initiative status paper 17pp, ISBN 978 92 9115 1707

The glaciers of the Hindu Kush-Himalayan region: A summary of the science regarding glacier melt/ retreat in the Himalayan, Hindu Kush, Karakoram, Pamir, and Tien Shan mountain ranges Armstrong, R. 16pp, ISBN 978 92 9115 176 9

Labour migration and remittances in Uttarakhand 31pp, ISBN 978 92 9115 177 6 LCCN 2010-347450



International Expert Consultation Meeting: Mountain Initiative on Climate Change: Convened by the Government of Nepal and ICIMOD, 23 - 24 September 2010, Kathmandu, Nepal 28pp.

International Symposium Benefiting from Earth Observation, 4-6 October 2010, Abstract Volume, 189pp.

Electronic only (online, CD-ROM, or DVD)

Climate change impacts on hazards in the eastern Himalayas: Climate change impact and vulnerability in the eastern Himalayas, Technical Report 5 Pathak, D; Mool, PK. 17pp, ISBN: 978 92 9115 164 6

Potential threats from climate change to human wellbeing in the eastern Himalayan region, Technical Report 6 Fang, Jing; Leduc, B. 17pp, ISBN: 978 92 9115 156 1

Global climate financing mechanisms and mountain systems – Working paper prepared for the Mountain Initiative of the Government of Nepal Schwank, O; Bruederle, A ; North, N. ISBN: 978 92 9115 172 1

Labour migration and remittances in Nepal 19pp ISBN 978 92 9115 187 5 LCCN 2010-347451

Labour migration and remittances in the mountains of Pakistan 15pp, ISNB 978 92 9115 195 0 LCCN 2010-347452

Kailash Sacred Landscape Conservation Initiative: Target area delineation report

Kailash Sacred Landscape Conservation Initiative: First regional workshop, 11-13 April 2010

Kailash Sacred Landscape Conservation Initiative: Second regional workshop, 4-6 September 2010 **Biodiversity conservation and management in the Hindu Kush-Himalayan region** (DVD) Selected publications, films, and others from 1985 to 2010

Climate change in the Hindu Kush-Himalayan region (DVD) Selected publications on impacts, adptation, and others from 1986 to 2010

General publications

Gender perspectives in mountain development: New challenges and innovative approaches, Sustainable Mountain Development, No. 57 Summer 2010. 68 pp

Asia Pacific Mountain Courier Vol. 10, No. 2, January 2010

Asia-Pacific Mountain Courier Vol. 11, No. 1, October 2010

Asia-Pacific Mountain Courier - Special issue on youth and climate change, Vol. 11, No. 2, November 2010

CNICIMOD Newsletter Vol. 4, No. 1, April 2010

CNICIMOD Newsletter, Vol. 4, No. 2, October 2010

Annual Report 2009

Information sheets / Briefing papers / Project brochures

Biodiversity in the Hindu Kush-Himalayas, FAQ 2

Managing flash flood risk in the Himalayas, IS 1/10

Glacial lakes and associated floods in the Hindu Kush-Himalayas, IS 2/10



Understanding mountain poverty: Exploring the specificities of poverty in the mountain areas of the greater Himalayan region, IS 3/10

Gender mainstreaming in biodiversity conservation and management in the Hindu Kush-Himalayan region, IS 4/10

Rural livelihoods and adaptation to climate change in the Himalayas, IS 5/10

GIS/RS Information sheets

Regional geo-data sharing initiative in the Hindu Kush-Himalayan region

Glacier mapping and monitoring tools and techniques

Atmospheric brown cloud regional monitoring and assessment

Implementation the Malé Declaration on Air Pollution in South Asia

Remote sensing of snow cover

Land cover mapping cast: Studies in three protected areas

ICIMOD geospatial and remote sensing resources

Decision support toolbox for mountain protected area management

SERVIR-Himalaya: From space to village, bringing people and their environment into harmony

Space-based information for disaster preparedness and risk management

Mountain GeoPortal: A regional gateway for geoinformation and earth observation Resources

Project and other flyers

Climate change impacts on the water resources of the Indus Basin: Capacity building, monitoring and assessment for adaptation

Kailash Sacred Landscape Conservation Initiative

The Hindu Kush-Himalayan Conservation Portal

ICIMOD: partner in the Asia-Pacific Water Forum

Satellite rainfall estimation and rainfall-runoff modelling in the Hindu Kush-Himalayan region

Strengthening participation of marginal mountain communities in high value product value chains: *Cinnamomum tamala* (Indian bay leaf) in Uttarakhand, India

Eco-tourism for sustainable development in the Kailash sacred landscape

Help Save the Third Pole (Foundation Brochure)

Mountain Alliance Initiative for Climate Change Adaptation in Mountains

HKH glacial lakes (in Nepali)

Nepal glacial lakes (in Nepali)

Thulagi glacial lake (in Nepali)

Tsho Rolpa glacial lake (in Nepali)

Imja glacial lake (in Nepali)

ICIMOD also prepares flyers to inform partners and others about the transient events, posters for long and short-term display, and other materials like a calendar, wall planner, posters and bookmarks to raise awareness of the Centre and its mission.

.....other publications by ICIMOD Staff

Amatya, LK; Cuccillato, E; Haack, B; Shadie, P; Sattar, N; Bajracharya, B; Shrestha, B; Caroli, P; Panzeri, D; Basani, M; Schommar, B; Flury, B; Manfredi, EC; Salerno, F (2010) 'Improving commutation for management of social-ecological systems in high mountain areas: Development of methodologies and tools – The HKKH Partnership Project.' Mountain Research and Development 30(2): 69-79

Aryal, KP (2010) 'Conservation through utilisation: An analysis of indigenous people's dependency on forest resources for livelihood support in the middle hills of Nepal.' In *Proceedings of the 15th International Forestry and Environment Symposium*, pp 164-171. Nugegoda: Department of Forestry and Environment Science, University of Sri Jayewardenepura

Aryal, KP; Kerkhoff, E; Maskey, N; Sherchan, R (2010) Shifting cultivation in the sacred Himalayan landscape: A case study in the Kangchenjunga Conservation Area. Kathmandu: WWF Nepal.

Bajracharya, B; Pradhan, S; Shrestha, B; Salerno, F (2010) 'An integrated decision support toolbox (DST) for the management of mountain protected areas.' *Mountain Research and Development* 30(2): 94-102

Bajracharya, B; Uddin, K (2010) 'Mapping land cover and understanding its dynamics in Sagarmatha National Park and buffer zone.' In Jha, PK; Khanal, IP (eds) Contemporary research in Sagarmatha (Mt. Everest) region, Nepal: An anthology, pp 37-44. Kathmandu: NAST

Bajracharya, B; Uddin, K; Chettri, N; Shrestha, B; Siddiqui, SA (2010) 'Understanding land cover change using a harmonized classification system in the Himalaya: A case study from Sagarmatha National Park, Nepal.' *Mountain Research and Development* 30(2): 143-156

Bajracharya, RM; Pradhan, P; Dangol, B; Shakya, K; Shrestha, B (2010) 'The Integrated Web Portal (IWP): A virtual platform for collaborative working and knowledge dissemination.' *Mountain Research and Development* 32(2): 178-181

Bajracharya, SR (2010) 'Melting of Himalayan glaciers.' Hamro Sampada: National Monthly 9(10): 76-84

Bajracharya, SR (2010) 'Monitoring of Imja Tsho of Mt. Everest region: A brief introduction.' In Jha, PK; Khanal, IP (eds) Contemporary research in Sagarmatha (Mt. Everest) region, Nepal: An anthology, pp 155-162. Kathmandu: NAST

Bhattarai, B; Leduc, B; Choudhary, D; Pandit, BH (2010) 'Engendering the value chain: The case of community based bay leaf enterprise in Nepal.' In Proceedings of the Community Forestry International Workshop, pp 96-110. Kathmandu: Ministry of Forest and Soil Conservation.

Bhattarai, N; Kinhal, G (2010) 'Status of Ophiocordyceps sinensis (syn. Cordyceps sinensis) in the Hindu Kush Himalayan countires.' Chinese Journal of Grassland 32 (Supp.): 133-142 Choudhary, D; Kinhal, G; Bhattarai, N; Pandit, BH; Karki,

M (2010) 'Enhancing livelihoods through strengthened supply chains of medicinal and aromatic plants: ICIMOD's initiatives in west Nepal.' In Balla, MK; Singh, AKP (eds) *Proceedings of National Conference on Forest People Interaction*, pp 89-98. Pokhara: Institute of Forestry

Chaudhary, S; Bushley, B; Pokhrel, B (2010) 'Payment for environmental services as an approach for biodiversity conservation and economic development in the context of climate change: An overview of issues from Nepal.' *In Biodiversity and climate change: Achieving the 2020 targets,* pp 114-115 Montreal: Secretariat of the Convention on Biological Diversity (SCBD)

Chaudhary, S; Chettri, N (2010) 'The need for linking the CBD and UNFCCC to achieve post-2010 biodiversity target.' *Square Brackets*: CBD Newsletter for Civil Society (4): 8-9

Chettri, N (2010) 'Cross-taxon congruence in a trekking corridor of Sikkim Himalayas: Surrogate analysis for conservation planning.' *Journal for Nature Conservation* 18: 75-88

Chettri, N; Shakya, B (2010) 'Conservation connectivity in transboundary landscapes: An approach for climate change adaptation in the Hindu Kush-Himalayan region.' In *Biodiversity and climate change: Achieving the 2020 targets*, pp 42-44. Montreal: SCBD

Chettri, N; Sharma, E; Thapa, S; Lama, Y; Wangchuk, S; Peniston, B (2010) 'Developing conservation corridors and regional cooperation in the transboundary sacred Himalayan landscape.' In Worboys, GL; Francis, WL; Lockwood, M (eds) *Connectivity conservation management: A global guide*, pp 124-133. London: Earthscan

Desai, BH; Oli, KP (2010) 'Analysis of implementation of the convention on biological diversity in the Hindu Kush-Himalayan (HKH) countries.' In *Biodiversity and climate change:* Achieving the 2020 targets, pp 80-81. Montreal: SCBD

Giriraj, A; Babar, S; Jentsch, A; Sudhakar, S; Murthy, MSR (2010) 'Tracking fires in India using advanced along track scanning radiometer (A)ATSR data.' *Remote Sensing* 2(2): 591-610

Jodha, NS; Singh, NP; Bantilan, MCS (2010) Adaptation to climate change in arid and semi-arid agriculture of India: Learning from the traditional strategies against risks and vulnerabilities, Working paper. Patancheru: ICRISAT

Joshi, AK; Pant, P; Kumar, P; **Giriraj**, **A**; Joshi, PK (2010) 'National forest policy in India: Critique of targets and implementation.' *Small-scale Forestry* 11(1): 83-96

Karky, BS; Skutsch, M (2010) 'The cost of carbon abatement through community forest management in Nepal Himalaya.' *Ecological Economics* 69: 666-672 Kinhal, G; Choudhary, D; Kollmair, M (2010) 'Strengthening and mainstreaming value chains for medicinal and aromatic plants: A strategy for adaptation to climate change.' In *Biodiversity and climate change: Achieving the 2020 targets*, pp 147-149. Montreal: SCBD

Leduc, B; Dhakal, TD (2010) 'Women's knowledge and practices on biodiversity management in the Himalayas: Contributions to climate change adaptation.' In *Biodiversity and climate change: Achieving the 2020 targets*, pp 19-21. Montreal: SCBD

Oli, KP (2010) 'General legal process for access and benefit sharing: From genetic resources and associated traditional knowledge in the context of climate change.' In *Biodiversity and climate change: Achieving the 2020 targets*, pp 135-137. Montreal: SCBD

Oli, KP; Sharma, G (2010) 'Issues and challenges of access and benefit sharing mechanisms in the Hindu-Kush Himalayan countries.' In Werth, A; Reyes-Knoche, S (eds) *Triggering the* synergies between intellectual property rights and biodiversity, pp 219-233. Eschborn: GTZ

Pandit, BH; Kumar, C (2010) 'Factors influencing the integration of non-timber forest products into field crop cultivation: A case study from eastern Nepal'. *Journal of Sustainable Forestry* 29: 671-695

Pandit, BH; Neupane, RP (2010) 'Jaladhar sanranchhan ra jibikoparjan: Nepalko sikai' (in Nepali) *Hamro Ban Sampada* 8(1): 79-93

Rasul, G (2010) 'Policy root in environmental degradation: The case of Chittagong Hill Tracts of Bangladesh'. In McNeill, JR; Padua, JA; Rangarajan, M (eds) *Environmental history: As if nature existed*, pp 220-239. Oxford: Oxford University Press

Rasul, G; Chowdhury, AKMJU (2010) Equity and social justice in water resource management in Bangladesh, Gatekeeper series No 164. London: IIED.

Rasul, G; Kollmair, M (2010) Sustainable livelihood promotion through agricultural development in the Hills of South Asia. In Fonseka, H (ed) *Hill agriculture in SAARC countries, constraints and opportunities,* pp167-182. Dhaka: SAARC Agriculture Centre

Salerno, F; Cuccillato, E; Caroli, P; **Bajracharya, B;** Monfredi, EC; Viviano, G; Thakuri, S; Flury, B; Basani, M; Giannino, F; Panzeri, D (2010) 'Experience with a hard and soft participatory modeling framework for socio-ecological system management in Mount Everest (Nepal) and K2 (Pakistan) Protected Areas.' *Mountain Research and Development* 30(2): 80-93

Schild, A; Rasul, G (2010) Hill Agriculture in South Asia: Issues and Options for Sustainable Development. In Fonseka, H (ed) Hill agriculture in SAARC countries, constraints and opportunities, pp 2-20. Dhaka: SAARC Agriculture Centre

Shakya, B; Zomer, R; Sharma, E; Oli, KP (2010) 'China, India and Nepal are considering a plan for coordinated management of the proposed Kailash landscape.' *ITTO Tropical Forest Update* 20(2): 18-19

Sharma, E; Chettri, N; Oli, KP (2010) 'Mountain biodiversity conservation and management: A paradigm shift in policies and practices in the Hindu Kush-Himalayas.' *Ecological Research* 25: 909-923 Sharma, E; Zomer, R; Shield, A (2010) 'Trans-Himalayan transects: An approach for long-term ecological research and environmental monitoring to enhance climate change adaptation in the Hindu Kush-Himalayas.' In *Biodiversity and climate change: Achieving the 2020 targets*, pp 26-28. Montreal: SCBD

Shrestha, AB; Aryal, R (2011) 'Climate change in Nepal and its impact on Himalayan glaciers.' *Regional Environmental Change* 11(Supp 1): S65-S77

Shrestha, AB; Eriksson, M; Mool, P (2010) 'Towards a comprehensive glacial lake outburst flood risk assessment in the Hindu Kush-Himalaya: A methodological approach.' *Disaster and Development* 4: 145-158

Shrestha, AB; Eriksson, M; Mool, P; Ghimire, P; Mishra, B; Khanal, NR (2010) 'Glacial lake outburst flood risk assessment of Sun Koshi basin, Nepal.' *Geomatics, Natural Hazards and Risk* 1(2): 157-169

Shrestha, MS; Choppel, K (2010) 'Disasters in the Himalayan region: A case study of Tsatichu lake in Bhutan.' In Beheim, E; Rajwar, GS; Haigh, M; Krecek, J (eds) Integrated watershed management perspective and problems, pp 211-222. New York: Springer

Stone, A; Schauer, JJ; **Pradhan, BB; Dangol, PM;** Habib, G; Venkataraman, C; Ramanathan, V (2010) 'Characterization of emissions from south Asian biofuels and application to source apportionment of carbonaceous aerosol in the Himalayas.' *Journal of Geophysical Research* 115: 14

Vaidya, RA; Eriksson, M; Bhandari, B; Hua Ouyang (2010) Accessing available freshwater: Expanded capture and storage. Paper presented at the Water Crisis and Choice: ADB and Partners Conference, 11-15 October 2010, Manila, Philippines

Zomer, R; Sharma, E; Oli, KP; Chettri, N (2010) 'Linking biodiversity conservation and climate change perspectives in bio-culturally rich transboundary areas in the Kailash sacred landscape region of China, India, and Nepal.' In *Biodiversity* and climate change: Achieving the 2020 targets, pp 142-144. Montreal: SCBD

Publications not included in the 2008/2009 Annual Reports

Choudhary, D; Rawat, RBS; Bhattarai, N (2008) 'Communitybased enterprises and market development for medicinal and aromatic plants (MAPs) in the greater Himalayan region.' In Warner, K; McCall, E; Garner, S (eds) *The role of NTFPs in poverty alleviation and biodiversity conservation*, pp 93-100. Ha Noi: IUCN

Karki, M (2009) 'Summary of panel discussion: Adaptation to climate change enhancing sustainable mountain development'. In Kreutzmann, H; Hofer, T; Richter, J (eds) Meeting of minds: decision-makers from Asian Alpine mountain countries sharing policy experiences in regional cooperation for sustainable mountain development, pp 189-191. Bonn: InWEnt

Karki, M; Rasul, G (2009) 'Policies to foster trans-boundary economic cooperation in the Hindu Kush-Himalayan region'. In Kreutzmann, H; Hofer, T; Richter, J (eds) Meeting of minds: decision-makers from Asian Alpine mountain countries sharing policy experiences in regional cooperation for sustainable mountain development, pp 89-104. Bonn: InWEnt

ICIMOD Board of Governors 2010

Regional Board Members

Afghanistan	Bangladesh	Bhutan	China
H E Mr Raz Mohammed Raz	Mr Masud Ahmed	Mr Sherub Gyaltshen	Prof DING Zhongli CHAIR
Deputy Minister of Irrigation and Infrastructure, Ministry of Agriculture, Irrigation and Livestock	Secretary, Ministry of Chittagong Hill Tracts Affairs	Secretary Ministry of Agriculture	ICIMOD Board of Governors Vice President Chinese Academy of Sciences
India	Myanmar	Nepal	Pakistan
		and and a second second	
Mr Vijai Sharma, IAS*	Dr Nyi Nyi Kyaw	Dr Jagadish C Pokharel	Mr Junaid Iqbal Chaudhary

Independent Board Members



Dr Jacqueline A Ashby CHAIR, Programme Advisory Committee VICE CHAIR, Board of Governors Research and Policy Coordinator, Andean Change Program, International Potato Center (CIP), Peru



Dr A K M Jahir Uddin Chowdhury** Professor, Institute of Water and Flood Management, Bangladesh University of Engineering and Technology, Bangladesh



Dr Elke Förster Environment, Climate Change and Biodiversity (4701) Priority Area Manager Deutsche Gesellschaft für Intenationale Zusammenarbeit (GIZ) GmbH Germany



Dr Amir Muhammed

Rector, National University of Computer and Emerging Sciences Pakistan



Dr Linxiu Zhang

Professor and Deputy Director, Center for Chinese Agricultural Policy, Chinese Academy of Sciences, PR China



Dr Lars-Erik Liljelund

Chief Executive The Foundation for Strategic Environmental Research (Mistra) Sweden



Dr Christoph Graf CHAIR, ICIMOD Support Group

Head, South Asia Department Swiss Agency for Development and Cooperation

Dr Andreas Schild, Director General, ICIMOD, is a member of the ICIMOD Board of Governors Ex-officio

Germany

Prof Matthias Winiger

Department of Geography

University of Bonn

- elected Chair of the Board of Governors at the meeting held in Mussoorie, India, November 2010
- ** to November 2011, succeeded by Mr Pal Pestrud, Director, CEO, CICERO, Norway

ICIMOD Staff 2010t

Directorate

Ahmad, Farid, Head, Strategic Monitoring, Planning and Evaluation Basnyat Ayushma, RL, External Relations and Monitoring Collaborator De Groot, Berend, Director Programme Operations* Ghimire, Shekhar, Director, Administration and Finance Karki, Madhav Bahadur, Deputy Director General Rana, Anju, Executive Assistant Schild, Andreas, Director General Shakya, Naina, Fundraising and External Relations Officer Shrestha, Anjeli, Senior Programme Assistant Thapa, Chomu Prerna, Senior Administrative Assistant Tuladhar, Milan Raj, Director, Administration and Finance*

ICIMOD Staff in the RMCs

Chaudhry, Inayatullah, Regional Programme Coordinator, Pakistan Doosti, Abdul Azim, ICIMOD Country Representative, Afghanistan Gautam, Ambika, Programme Manager, Afghanistan* Hafizi, Mohammed Shafi, Afghanistan* Manandhar, Prem, Programme Operations Manager, Afghanistan Zahra, Mashal, Programme Assistant, Pakistan*

Integrated Water and Hazard Management

Aksha, Sanam Kumar, Intern-Disaster Risk Reduction Bajracharya, Sagar Ratna, Satellite Hydrology Officer Bhandari, Bishnu B, Wetlands Specialist Eriksson, Mats, Senior Water Resources Specialist* Gurung, Binod Das, Glacial Lake Field Coordinator Joshi, Anuja, RA-Web-based Ice and Water Database Mngt* Joshi, Sarita, Senior Programme Assistant Joshi, Sharad Prasad, Research Associate Khadgi, Vijay Ratan, Research Associate Kilroy, Garrett, Programme Coordinator, Koshi Basin Koirala, Achyuta, Engg Geologist/GLOF Maskey, Pravin Raj, Glacial and GLOF Research Officer Mool, Pradeep K, Remote Sensing Specialist, AATL Nibanupudi, Hari Krishna, DRR Specialist/AATL Ouyang, Hua, Programme Manager Pradhan, Neera, Hazard and Community Adoptation Specialist Rasaily, Rekha, Programme Assistant-cum-Receptionist Sharma, Aseem Raj, Consultant Shrestha, Arun Bhakta, Climate Change Specialist, AATL, PTL Shrestha, Mandira, Water Resources Specialist, PTL Shrestha, Ritu Meher, Intern, Wetlands Thapa, Rajesh, Land and Water Analyst*

Environmental Change and Ecosystem Services

Aryal, Kamal Prasad, Agricultural Specialist Chaudhary, Sunita, Research Associate, Biodiversity Cons and Mat Chettri, Nakul, Transboundary and Biod Specialist, Deputy AATL

Dhakal, Madhav Prasad, Research Associate, Soil and Water Conservation Ghale, Neetu, Programme Assistant Ismail, Muhammad, Assistant Research Officer-RRP III/ **CBNRM** Specialist Jaiswal, Suman, Database and Web Content Manager Joshi, Sami, Senior Programme Assistant Kerkhoff, Elisabeth E, Agro-forestry/Agro-biodiversity Specialist* Kotru, Rajan, Watershed Management Specialist Oli, Krishna Prasad, Regional Coordinator, KLI Phuntsho, Karma, NRM Specialist, AATL Pradhan, Navraj, Consultant, Technical Research Providoli, Isabelle Anita, Soil and Water Cons. Specialist, AATL* Rana Magar, Eak Bahadur, Project Coordinator, REDD Shakya, Bandana, Research Associate, Transboundary Biod Mngt Sharma, Eklabya, Programme Manager/Sr Agricultural Specialist Sherpa, Samden Lama, Godavari Centre Manager Shrestha, Ram Kumari, Garden Consultant Sthapit, Keshar Man, Watershed Specialist, PTL Tamang, Jiwan, Godavari Centre Assistant Xi, Han, Intern* Yi, Shaoliang, Coordinator-Regional Rangelands Programme, PTL Zomer, Robert, Deputy Programme Manager/Environment Change Specialist

Sustainable Livelihoods and Poverty Reduction

Banerjee, Soumyadeep, Research Analyst, Labour Migration and Remittances Bhandari, Shova, Programme Assistant, Beekeeping Bhattarai, Basundhara, Gender Specialist* Bhattarai, Nirmal Kumar, MAPs Conservation and Research Specialist Choudhary, Dyutiman, MAPs Marketing and Enterprise Development Specialist Choudhury, Dhrupad, Programme Coordinator, IFAD and Livelihood Specialist Golam, Rasul, Division Head, Policy Development Specialist Gurung, Min Bahadur, Inst. Development Officer, Beekeeping Hoermann, Brigitte, Economist, AATL Hunzai, Kiran Izhar, Poverty Analyst Joshi, Laxman, Payment for Environmental Services Specialist Karki, Seema, Consultant Karky, Bhaskar Singh, Resource Economist Kinhal, Giridhar, HVP and V, AATL Kollmair, Michael, Programme Manager/Sr Social Scientist Kruk, Ester, Tourism Specialist Leduc, Brigitte, Division Head, Gender Specialist* Macchi, Mirjam, Associate Professional Officer Nazari, Noorin, Governance Specialist Pant, Basant, Programme/Research Associate Partap, Uma, Research Officer, Pollination Specialist, Beekeeping Sharma, Bikash, Energy Specialist*

[†] doesn't include short-term assignments, students, volunteers, and similar; *retired or left during 2010; ** deceased AATL = action area team leader; PTL = project team leader

Shrestha, Anu Joshi, Value Chain Development Specialist Shrestha, Govinda, Programme Assistant Shrestha, Mamata, Programme Assistant Subedi, Nani Ram, Livelihoods and Governance Specialist Verma, Ritu, Division Head, GGD/Senior Gender Specialist

Integrated Knowledge Management and Capacity Development

Bajracharya, Leena, Intern, APMN Project Support* Baral, Nabin, Consultant, Digital Photo Catalogue Boom, Daan, Information and Knowledge Management Coordinator/Division Head Dhakal, Ashish, Consultant, Mountain Partnership* Gauchan, Aneeta, Research Assistant, HID Gurung, Nira, Communications Officer Jha, Anil, Library Assistant Joshi, Anusha, ERP Specialist Karmacharya, Jay, ICT Systems Support Analyst Khatri, Shiva Hari, Distribution Assistant Maden, Utsav, Consultant Maharjan, Dharma Ratna, Desktop Publisher Mahat, Tek Jung, APMN Node Manager Mendez, Joyce, Communications Specialist Mishra, Udayan, Knowledge Management and Web Associate Mohanty, Ashutosh, Capacity Development Officer Murray Shrestha, A Beatrice, Division Head Pandey, Sushil, ICT Specialist Pant, Alok, Intern, ITC Help Desk Pradhan, Punam, Desktop Designer-cum-Publisher Pradhan, Saisab, Systems Administrator Prakke, Diederik, Unit Head/Capacity Development Officer Rana, Pavitra, Intern, Public Relations Sharma, Bishwonath (Sudas), Executive Programme Associate Sharma, Sandhya, Consultant, Library Database* Sherchan, Ujol, Senior Programme Officer Shrestha, Erina, Intern, IT Help Deak* Shrestha, Junu, Intern* Shrestha, Subasana, Intern, Public Relations* Tandukar, Deependra, Knowledge Management and Web Specialist Thaku, Asha Kaji, Cartographer/Graphic Artist Thapa, Ram Sharan, Assistant Librarian Tuladhar, Anjesh, Applications Systems Analyst* Upadhyay, Basudev, Intern, APMN

IKM-MENRIS

Akhter, Mariam, RS Analyst/Consultant* Amarnath, Giriraj, RS Specialist/Modeler Aung, Khun San, Remote Sensing Data Analyst Bajracharya, Birendra, GIS Specialist Bajracharya, Rajan Man, Systems Analyst Bajracharya, Sameer, Intern Bajracharya, Samjwal Ratna, Geomorphologist/GIS Analyst Dangol, Bikash, GIS/Web Programmer Dangol, Gauri Shankar, Graphics/Multimedia Designer Dangol, Pradeep Man, Field Data Analyst Gilani, Hammad, Remote Sensing Analyst Gurung, Deo Raj, GIS Analyst for Capacity Building and Training Joshi, Govinda, Senior Cartographer/GIS Analyst Maharjan, Sudan Bikash, GIS/RS Analyst Manandhar, Liza, Programme Assistant Moktan, Monika, Programme Assistant** Pradhan, Bidya Banmali, Environment Officer Pradhan, Paribesh, Mnt GeoPortal Web Assistant* Pradhan, Sudip, DSS Programme Officer Pradhan, Suyesh Chandra Singh, GIS Programmer Shrestha, Basanta, Division Head/Systems Specialist Shrestha, Finu, GIS Data Analyst Siddiqui, Salman Asif, DSS Programme Officer* Uddin, Kabir, GIS Analyst

Administration and Finance

Amatya, Shree Mani, HRD Associate Officer Bajracharya, Nani Keshari, Senior Admin Assistant Bajracharya, Narendra, Equiment Support Supervisor Gurung, Dipshikha, Communications Assistant Jirel, Birkha, Security Guard KC, Dhurba, Senior Driver KC, Rishi Ram, Senior Travel Assistant KC, Sudama, Senior Driver/Procurement Assistant Kansakar, Chandra Bir Singh, HRD Officer Magar, Bishnu, Senior Driver Maharjan Ram, Senior Driver Maharjan, Chinikaji, Senior Driver Maharjan, Kishore, Technician Maharjan, Krishna, Senior Driver Maharjan, Pancha Narayan, Mechanic/Senior Driver Mali, Rajendra Prakash, Budget and Finance Officer Nepal, Akil, Senior Mail Messenger Rana, Ganga, Reproduction Clerk Ranjit, Rabindra, Senior Technician, Store Sadasankar, Pashupati, Senior Mail Messenaer Shakya, Kiran, Web/GIS Programmer* Shrestha, Kiran Man, Payment Processing Incharge Shrestha, Kishore, Assistant Motorpool Supervisor Shrestha, Mohan Krishna, Motorpool Supervisor Shrestha, Nabindra Raj, Controller Receipts Shrestha, Prabha, Controller Payments Shrestha, Pramila, Finance Assistant Shrestha, Shyam, Reproduction Clerk Singh, Sabak, Senior Driver Subedi, Jai Bahadur, Senior Driver Thapa, Shambhu, Gardener Tshering Sherpa, Doma, Communications Associate Upreti, Rajen, Travel Officer Vaidya, Jenny, Store and Inventory Controller

Visiting Scientists and Advisors

Vaidya, Ramesh Anand, Senior Advisor Sporleder, Marc, Associate Professional Officer (CIP)

South Asian Network for Development and Environmental Economics (SANDEE)

Joshi, Malvika, Finance Assistant Kafle, Anuradha, Communication Research Officer Nepal, Mani, Senior Environmental Economist Shrestha, Krisha, Administrative Associate Shyamsundar, Priya, Programme Director

Financial Report

ICIMOD Income and Expenditure Accounts 2001-2010

The financial management of the Centre is implemented through the establishment of programme and core funds, and co-financing project funds. All unrestricted contributions made by sponsors and member countries are credited to the core programme funds. All restricted contributions made by sponsors, governments, and non-government sources for specific projects are credited to co-financing project funds.

Core Programme Funds

In US Dollars

SOURCE	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
A. Regional	137,158	76,553	170,880	220,563	344,805	276,196	245,249	359,116	334,209	630,277
Afghanistan				5,000		10,000	5,770	7,873	10,742	14,658
Bangladesh	18,594	10,000	10,000	28,300	10,000	20,000	10,000	11,240	11,758	-
Bhutan	-	15,000		7,500	15,000	7,500	8,243		32,543	25,651
China	45,000	45,000	45,000	145,000	45,000	100,000	100,000	100,000	100,000	150,000
India	42,050	0	84,695	11,284	155,456	113,106	72,075	50,794	149,189	160,223
Myanmar	10,000	0	9,667	9,956			19,706	29,223	10,746	35,222
Nepal	13,359	6,553	12,903	13,523	14,154	13,784	21,246	23,566	19,231	20,175
Pakistan	8,155	0	8,615		105,195	11,806	8,209	136,420	-	224,348
B. Non-Regional	2,276,530	2,364,407	2,562,469	2,703,124	2,592,999	2,733,819	2,860,492	4,739,611	4,066,646	3,858,895
Austria	86,160	99,402	114,118	125,460	122,349	120,357	137,097	160,883	136,364	94,444
Denmark	-	-		400,572	200,901		214,264			-
Finland	133,555	133,554								-
Germany	541,543	574,904	854,625	494,694	630,416	931,632	888,988	1,002,060	1,536,038	1,225,203
Netherlands	500,000	450,000	585,714	660,438	600,000	600,000	540,000	60,000	-	-
Norway	387,816	464,087	508,012	521,960	539,333	581,830	580,143	1,843,281	817,625	841,652
Sweden	127,456	142,460						779,676	714,550	714,550
Switzerland	500,000	500,000	500,000	500,000	500,000	500,000	500,000	893,711	862,069	983,046
C. Other Income	200,868	187,368	172,209	175,155	130,360	334,535	632,666	1,296,940	1,182,790	1,105,367
Total Core(A+B+C)	2,614,556	2,628,328	2,905,558	3,098,842	3,068,164	3,344,550	3,738,407	6,395,667	5,583,645	5,594,539
Project Co-financing	1,840,082	2,535,816	3,124,694	2,596,420	3,237,024	3,072,532	4,002,301	5,801,899	6,112,452	7,732,803
GRAND TOTAL	4,454,638	5,164,144	6,030,252	5,695,262	6,305,188	6,417,082	7,740,708	12,197,566	11,696,097	13,327,342

EXPENDITURE	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Programme Cost	1,315,311	1,529,717	1,403,669	1,730,067	1,805,625	1,938,261	2,395,461	3,672,008	4,447,710	4,654,126
Project Cost	1,986,899	2,495,511	2,598,643	3,018,022	3,242,531	3,103,868	3,808,778	4,785,076	5,998,834	7,653,146
Admin Support Cost	610,486	642,656	699,467	675,486	515,203	493,003	537,721	752,133	541,655	1,067,357
Directorate Cost	436,209	389,368	383,728	366,075	419,671	523,626	552,520	714,544	701,408	650,827
Total Expenditure	4,348,905	5,057,252	5,085,507	5,789,650	5,983,030	6,058,758	7,294,480	9,923,761	11,689,607	14,025,456

Note : Support cost in 2010 includes exchange loss account amounting to US\$ 439,993.

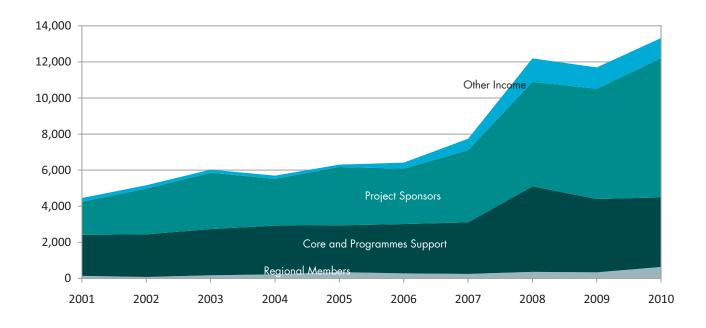
Project Co-financing Funds

In US Dollars

SOURCE	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Australia	75,835									
Austria	164,181	283,198	462,558	339,977	432,394	523,798	538,037	615,087	586,667	267,555
Canada	11,693									-
Finland									602,410	-
Germany	2,800	78,159	101,509	51,826	191	252,528	95,891	214,436	204,378	878,025
Netherlands	45,277	96,000	420,814	352,894	169,012					-
Norway					100,630				647,354	1,379,884
Sweden		64,246							350,925	343,425
Switzerland	594,408	407,757	404,820	547,166	648,496	420,477	510,690	1,179,487	190,307	271,158
USA	25,565	82,434	91,950	98,816	158,320	161,641	364,858	742,374	426,354	422,452
ITALY/IUCN		12,000	47,969	72,441	9,275	152,062	510,381	583,702	200,262	111,832
ADA										228,472
ADB	129,010			20,000	4,000	19,340			57,090	213,737
EU	127,010			20,000	33,631	429,077	30,717	136,875	71,228	210,707
CIP	-		8,100	9,000	33,001	427,077	85,690	31,990	40,000	43,173
FAO	36,500	121,330	70,500	165,200	83,025	50,425	106,785	101,274	98,700	384,118
ILRI	20,000	121,000	, 0,000	103,200	00,020	50,425	100,700	101,274	70,700	
ISNAR	217,982	60,000	72,000							
UNEP	46,932	242,056	125,000	100,558	119,337	101,560	55,500	176,300	270,000	424,534
UNESCO	9,650	500	18,000	9,000	8,000	4,000	12,400	14,600	2,000	65,000
WWF	,,000	000	28,614	24,825	0,000	4,000	12,400	5,000	2,000	
IFAD	36,545	345,000	428,000	127,000	433,000	95,391	469,430	10,000	379,506	573,019
UNOPS	98,000	30,000	,	,	,		,			
UNIFEM		50,596	48,760							_
ESA		,	.,		44,609					
WI					124,649			69,636		-
FORD	250,000		200,000	200,000	143,127		100,000	200,000		200,000
IDRC	48,392	143,415	177,784	132,290	338,707	517,383	297,398	784,121	833,867	632,098
MacArthur	-	175,000	100,000	75,000	175,000	100,000	150,000	240,000		400,000
ICCO		207,715	133,436	24,021	140,015	168,845	146,790		152,779	164,403
CEH, UK		22,858	52,888	7,248						-
CFC/FAO							301,143			-
APN/START		65,606	71,734	68,600	13,400					-
ITC		19,910	35,467	41,991						-
Twente			24,791	81,953	30,096	71,209	132,183	172,767		-
Sandia				41,969	24,909	-				-
CICERO								34,814	238,533	356,350
World Bank								23,385	202,541	70,815
UNDP								337,075	327,375	-
Others	27,312	28,036		4,645	3,201	4,796	94,408	128,976	230,176	302,753
T OT A L	1,840,082	2,535,816	3,124,694	2,596,420	3,237,024	3,072,532	4,002,301	5,801,899	6,112,452	7,732,803
EXPENDITURE	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total Expenditure	1,986,899	2,495,511	2,598,643	3,018,022	3,242,531	3,103,868	3,808,778	4,785,076	5,998,834	7,653,146

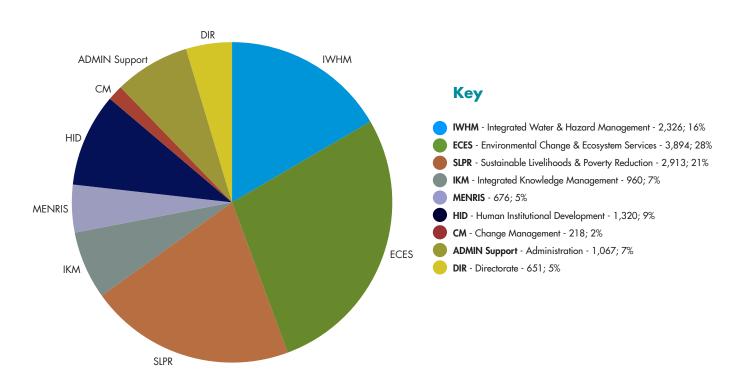
ICIMOD Funding Sources 2001-2010

In thousand US Dollars



ICIMOD Expenses by Programme 2010

In thousand US Dollars



Total expenditure US\$ 14.025 million

International Centre for Integrated Mountain Development Statement of Assets, Liabilities, Loan and Fund Balances as of 31 December 2010

All amounts in United States Dollars

	Schedule		As at 31 December 2010		As at 31 December 2009
Fund Balances					
General Reserve	1		3,175,749		3,239,249
Operational Reserve	1		250,788		587,778
Exchange Equalisation Reserve	1		503,606		503,606
Restricted Programme Support Fund Balances (net)					
[Note 2 (f) on Schedule 14]					
Government of Germany		(96,137)		(15,665)	
Swedish International Development		-	(96,137)	360,309	344,644
Cooperation Agency	100 C				
Special Project Fund Balances (net):	6C				
Amounts to be incurred on projects		3,713,971		4,000,715	
Amounts to be recovered	-	(828,102)	2,885,869	(1,194,503)	2,806,212
Total Sources of Funds			6,719,875		7,481,489
Assets and Liabilities					
Fixed Assets	2		1,620,526		1,802,373
Current Assets, Loans and Advances:					
Cash and Bank Balances	3		7,399,200		8,203,168
Loans and Advances	4		1,123,611		1,307,670
			8,522,811		9,510,838
Less: Current Liabilities and Provisions	5		(3,423,462)		(3,831,722)
Net Current Assets			5,099,349		5,679,116
Total Application of Funds		6	6,719,875		7,481,489
Notes to the accounts	14				

Schedules referred to above form an integral part of the Statement of Assets, Liabilities and Fund Balances

For International Centre for Integrated Mountain Development

Place: Kathmandu, Nepal Date: 10 March 2011

and Finance Director, Administratio

Budget & Finance Officer

International Centre for Integrated Mountain Development Operating Statement for the Year Ended 31 December 2010

All amounts in United States Dollars

	Schedule			Year ended 1 December 2010		Year ended 31 December 2009
INCOME				1 December 2010		51 Detemper 2007
Contribution from Donors	6			1 030 753		3 350 599
Restricted Programme Support	6A			1,939,753 2,549,419		2,250,588 2,150,267
Core and Other Programmes Support	6B 6C			7,732,803		6.112,452
Special Projects						
Other Income	7			1,105,367		1,182,790
			(A)	13,327,342		11,696,097
EXPENDITURE			300000			
Programme Cost						
Restricted	8			2,380,534		2,075,765
Others	9			1,847,456		1,986,969
Special Projects Cost	10			7,257,553		5,171,049
Scaling Up Cost	11					
Programmes	11A			208,107		136,145
Special Projects	118			395,593		827,785
Core Support Cost						
Directorate	12	1,204,113			1,342,809	
Administrative Support	13	803,023			657,555	
Depreciation [Note 2 (a) (iii) on Schedule 14	1]	66,415			49,154	
Less: Indirect Cost Allocation		(577,331)		1,496,220	(599,176)	1,450,342
[Note 1 (xii) on Schedule 14]				2.1		
Foreign Exchange Loss (net)				439,993		41,552
			(B)	14,025,456		11,689,607
Surplus/(Deficit) of Income over Expenditure			(A-B)	(695,114)		6,490
I am formulas of Consist Designed in some super-						
Less: Surplus of Special Projects' income over expenditure transferred to Special Project Fund	Balances (net)			79,657		113,618
Less: Surplus/(Deficit) of Restricted Programme income over expenditure transferred to Restrict	Support's ed Programme Sur	mont				
Fund Balances (net)	can the framme out			(440,781)		174,823
			_	(336,990)		(281,951

Notes to the accounts

14

Schedules referred to above form an integral part of the Operating Statement

For International Centre for Integrated Mountain Development

Place: Kathmandu, Nepal Date: 10 March 2011

Director, Administration Finance

Budget & Finance Officer

International Centre for Integrated Mountain Development Cash Flow Statement for the Year Ended 31 December 2010

All amounts in United States Dollars

Par	ticulars	Year ended	Year ended
		31 December 2010	31 December 2009
Α.	Cash flow from operating activities		
	Net (Deficit) as per Operating Statement	(336,990)	(281,951)
	Adjustment for:		
	Depreciation	66,415	49,154
	Capital expenditure charged in the programmes	125,440	256,040
	Interest Income	(59,000)	(108,686)
	Non Programme Assets written off		120
	Profit on sale of fixed assets	(25,728)	(5,845)
	Exchange fluctuation - unrealised	10,909	
	Operating (deficit) before working capital changes	(218,954)	(91,168)
	Adjustments for:		
	Loans and Advances	193,578	(845,806)
	Current Liabilities and Provisions	(293,170)	1,466,472
	Net cash from / (used in) operating activities	(318,546)	529,498
В.	Cash flow from investing activities		
	Purchase of fixed assets	(187,985)	(370,468)
	Sale of fixed assets	25,728	5,845
	(Increase) / Decrease in time deposits with banks	566,349	(445,643)
	Interest received	55,317	130,406
	Net cash from / (used in) investing activities	459,409	(679,860)
C.	Cash flow from financing activities		
	Movements in Special projects funds	30,577	113,618
	Movements in Restricted programme Support funds	(440,781)	174,823
	Net cash from / (used in) financing activities	(410,204)	288,441
D.	Effects of Foreign Exchange Differences on Cash and Cash Equivalents	(4,776)	
	Net (decrease)/ increase in cash and cash equivalents (A + B + C + D)	(274,117)	138,079
	Cash and cash equivalents at the beginning of the year	355,071	216,992
	Cash and cash equivalents at the end of the year (Refer Schedule 3)	80,954	355,071
	Schedule referred to above form an integral part of the Cash Flow States	ment	
	For International Centre for Integrated Mountain Development	(),	. 11.

tor Gre Dir 10 March 2011 Date

Director, Administration ad Finance

Budget & Finance Officer