

INFORMATION AND OUTREACH

The collection of information and its distribution to as wide an audience as possible is continually being strengthened. While traditional publication methods continue to be used, innovative approaches and technologies for reaching out to the 140 million inhabitants or their representatives are also being explored.

The introduction of functions additional to the Regional Collaborative Programme in 2001, as a means of gearing up to the International Year of Mountains 2002, and attempts to develop products that will reach a much wider audience and increase overall understanding of the mountain situation, advocacy in the broadest sense, have increased the workload and output of the Information, Communications and Outreach Division (ICOD). The division's regular work of maintaining the web and facilitating access to web-based information; running the library; hosting the interactive media centre; running a distribution unit responsible not only for distribution but bookfairs, exhibitions, and poster displays; processing and publishing ICIMOD's technical and general publications; and hosting the Asia Pacific Mountain Network produced a number of critical changes this year.

The library was finally put on line and the physical premises, as if in celebration, received a facelift. The impetus this gave staff led to them planning library development linkages as they moved into the new year.

Distribution staff broadened their outreach by becoming involved in the Sustainable Tourism network, and it was through their auspices that our Web unit became involved in assisting the network with their web page. Distribution staff with the help of Publications designed and commenced marketing of T-shirts and cards for the International Year of Mountains unit. The web received an award of excellence for its educational material from the US American University.net.

OneWorld is a community of over 1,000 organisations working for social justice. Its South Asian Office, based in New Delhi, India, and ICIMOD jointly organised a 4-day workshop on "ICTs and Development" from 16-20 July 2001 at ICIMOD. The main objective of the workshop was to familiarise NGOs on the potential of using information communications technology in their day-to-day work and how to use the Internet as an effective communications tool. Three members of staff, Saleem Sial, Sangeeta Pandey and Sudas Sharma, participated in the workshop. Sangeeta and Sudas were also responsible for organising it. Among the fifteen participants, four were from Pakistan, two from Bhutan, and the rest from Nepal.

The Asia Pacific Mountain Network (APMN)

APMN spread its wings in 2001. Of the small grants given one in particular, 'Mountains Forever', a proposal from the Nepalese NGO Spiny Babbler, deserves focus. Mountains Forever is a collection of 60 stories by children and teenagers from the mountain areas of Asia. The stories are for other



Mayor of Lalitpur opening the Book Fair, ICIMOD's Stall and ICIMOD Library

young mountain dwellers, telling them how they feel about the mountains and how they enjoy being in them, their adventures and visions. A young Nepalese mountain artist, Param Meyangbo illustrated them with oil paintings that burst out of the pages with a riot of colour. With the assistance of HELVETAS, Nepal, was published with a view to introducing the mountains to children. Discussions will take place later next year (2002) to animate the book and make a series of children's adventure films. Different plans for reaching out to young people will also accompany this endeavour.

The Asia Pacific Mountain Network (APMN), a Swiss-funded project managed by the ICIMOD. The main objective of APMN is to focus on information sharing and exchange on the issues recommended by the Sustainable Development of Mountain Areas (SUDEMAA) of Asia Conference, as follows.

- Poverty eradication and economic development,
- Sustainable management of natural resources,
- Gender-balanced decision-making in environment and development policies and programmes,
- Preservation of cultural heritage, and
- Reducing the vulnerability to mountain disasters.

The total MF-Asia Discussion List subscription was, as of December 2001, registering an impressive growth of 86% in just one year.

Membership

As of January 2001, there were 614 (586 individuals+28 organisations) APMN members. As of December 2001, there were 893 (834 individuals+59 organisations) APMN members. The annual membership growth was 45%.

MF-Asia postings

During the year 2001 a total of 709 messages were posted to the MF-Asia list, registering an average of 60 per month or 2 per day.

Training workshops in "Internet Technologies and Web Publishing"

Mr. Deependra Tendukar, Networking Assistant for APMN/ICIMOD, organised the Kathmandu training workshop on 'Advanced Web Publishing', 8-19 January 2001, for three participants from Kyrgyzstan, Tajikistan and Uzbekistan. By the end of the training the three participants were able to use signature and filters in email, use forms and frames in web pages, create animated GIF images, use and create style sheets, understand the basics of JavaScript, use Java applets and create CD-ROM. The follow-up to the Kathmandu Workshop - On-site Training-cum-Assessment - was held in Kyrgyzstan, 25-30 April, 2001. Mr. Tendukar was not able to do the follow-up in Uzbekistan and Tajikistan owing to visa problems. Nonetheless, all the three trainees have trained their colleagues to create web pages and publish them on the www, to manage electronic information using email, and to do Internet searches, etc. The main objective of the training was to train trainers in order to build the capacity of their institutions to manage and disseminate information better. This training has been made possible by a grant from the Central Asia Department of Swiss Development Cooperation (SDC).

The APMN E-conferences

The APMN organised a regional e-conference on the broad topic 'The Intervention of Technology in Mountain Areas: Strategies for Developing Fresh Approaches and Mainstreaming of Local Innovations in the Asia/Pacific Region' through the Mountain Forum (MF)-Asia Discussion List, February 4 through March 6, 2001. Dr. Sudhirendar Sharma of the Energy Environment Group based in New Delhi, India, moderated the e-conference with the technical support of the The Mountain Institute/Global Information Server Node (TMI/GISN) and ICIMOD/APMN teams. The broad objective of the e-conference was to contribute to the ongoing debate on the impact of technology intervention in mountain areas, showcase innovative approaches that helped reduce or reverse negative impact, identify local innovations which can be mainstreamed, and identify areas of research.

APMN organised a second e-conference on the topic 'Renewable Energy Technologies for Mountain Areas', Nov 17-Dec 19, 2001, moderated by well-recognised energy specialists of Nepal. The discussions on 'Micro-hydro' were moderated by Mr. Girish Kharel, on 'Solar Energy' by Mr. Gyani Ratna Shakya, on 'Biogas' by Mr. Govinda Prasad Devkota, on 'Improved Cooking Stoves' by Mr. Rajan Thapa, and on 'Institutions and Policies' by Mr. Bikash Pandey. The e-conference web pages are maintained at <www.mtnforum.org/apmn/RETs.htm>. Preparation of the Synthesis is currently underway.

The APMN team visits Switzerland

The APMN team, comprising the Coordinator, and Node Manager, represented APMN at a MF Node Managers' Meeting in Rolle, Switzerland, Sept 26-28, 2001. Mr. Ujol Sherchan made a presentation of APMN's progress-to-date to the Board. Ms. Rana outlined a vision for APMN for International Year of Mountains (IYM) 2002 and beyond. The APMN team attended the World Mountain Symposium, where Mr. Sherchan presented a paper on 'The State of Mountain Children in Nepal'.

The CAMIN team visits APMN/ICIMOD

The Director of CAMIN, Mr. Andrey Fesensko and his CAMIN colleague, Dr. Alexander Sorokin, visited ICIMOD, 27 Nov - 3 Dec, 2001, at the invitation of APMN to discuss the partnership for sustainable development in Central Asia and Xinjiang Uygur Autonomous Region (XIUR) (P.R. of China).

By 2001 the IYM had so firmly become planted in our minds as a United Nations year, that we forgot the instrumental role ICIMOD played in getting it on the map through APMN.

In 1997 a MF meeting was held in Kathmandu at ICIMOD. At that meeting, the Kyrgyz delegates fielded the idea of asking the UN to declare an IYM. From 25-27th May 1998, APMN/ICIMOD and the International University of Kyrgystan, and Kyrgyzstan National Academy of Sciences, held an international seminar in Bishkek on 'Mountains of Central Asia: Problems, Experiences and Perspectives.' Two resolutions related to IYM were proposed and accepted.

Resolution 4: to recognise duly the initiatives of scientists, government and the President of the Kyrgyz Republic in promoting the proclamation of an IYM.

Resolution 5: to actively participate in realising this proposal to have an IYM and to develop regional, subregional and national plans for it.

On November 10th of 1998, the UN declared 2002 as an IYM. In its preamble to the declaration the role of APMN/ICIMOD is clearly mentioned.

It is ICIMOD's function to serve as an information and knowledge hub. That the function gets lost in operation is rather a sign of its success. As 2001 progressed many more people bought in to IYM 2002. Some of their initiatives and achievements were merged with ours. Through the Sustainable Tourism Network, we were very well aware that 2002 would be the Year of Ecotourism too. It will be a very full year and all of our resources in information delivery will be needed. Fortunately, 2001 in particular has laid the groundwork for us to go ahead and bring the HKH to the attention of the world.

(Information on publications is given on pp 44, 45, 46 and 47)

Bookshelf in 2001

Technical publications

Proceedings and Workshops

Contributions of Livestock to Mountain Livelihoods: Research and Development Issues - Pradeep Tulachan, Mohamed Saleem, Juhani Maki-Hokkonen and Tej Partap
Waters of Life (Volume:II) - Mahesh Banskota and S. R.Chalise
Widening Horizons (Hindi) - Workshop Report, MNR

Manuals

Gender and Organisational Change: Training Manual - Verona Groverman and Jeannette Gurung, MFS
GIS for Beginners: Introductory GIS Concepts & Hands-on Exercise - Basanta Shrestha, Birendra Bajracharya and Sushil Pradhan, MENRIS

Special Editions

Bamboo in the High Forest of Eastern Bhutan: A Study of Species Vulnerability - D. Messerschmidt, K. J. Tempel, J. Davidson and W. D. Incoll
Landslide and Hazard Mitigation in the Hindu Kush-Himalayas - Li Tianchi, S. R. Chalise and B. N. Upreti, MNR
Proceedings of a National Stakeholders Workshop on Strategy Papers Prepared for Nepal on Information Technology for Development - NPC, ICOD
Information Technology for Development: IT Policy & Strategy: Nepal (English) - NPC, ICOD
Information & Communication Technology Policy & Strategy: Nepal (Nepali) - NPC, ICOD
Market Towns in the Hindu Kush-Himalayas: Trends and Issues - Pitamber Sharma, MEI
Inventory of Glaciers, Glacial Lakes and Glacial Lake Outburst Floods, Monitoring and Early Warning System in the Hindu Kush-Himalayan Region: Nepal - Pradeep K. Mool, Samajwal R. Bajracharya and Sharad P. Joshi, MENRIS
Inventory of Glaciers, Glacial Lakes and Glacial Lake Outburst Floods, Monitoring and Early Warning System in the Hindu Kush-Himalayan Region: Bhutan - Dorji Wangda, Pradeep K. Mool, Samajwal R. Bajracharya and Sharad P. Joshi, MENRIS
The Living Plateau: Changing Lives of Herders in Qinghai - Nico Van Wageningen and Sa Wenjun, MNR
Mountains Forever - Para Limbu, Spiny Babbler, APMN
HIMAWANTI: Women of the Hindu Kush-Himalayas - Anupam Bhatia, MNR

Case Studies

Feeding the Herds: Improving Fodder Resources in Bhutan - W. Roder, K. Wangdi, P. Gyamtsho, and K. Dorji, MNR

Discussion Paper

Status of Mountain Agriculture in the Hindu Kush-Himalayan Region: A Comparative Analysis - Pradeep Man Tulachan

Others

Nepal State of the Environment Report - Bandana Kayastha, MENRIS



Internal Documents

Summary of ICIMOD's Achievements
ICIMOD Selected Project Profiles

Technical Report on Hazard and Risk Mapping Landslide hazard maps were prepared on the basis of bivariate statistical methods compared to those prepared by Mountain Risk Engineering methods and found to be more reliable. Flood hazard mapping using various parameters and identifying different levels of risk areas in selected VDCs was carried out. These maps can be used as guidelines for land use and hazard mitigation.

Technical Report on Community Vulnerability Assessment Three volumes discussing the community risk and vulnerabilities. Volume (i) Profile of Village Development Committees; Volume (ii) Hazard, Susceptibility, Exposure, Vulnerability and Mitigation; Volume (iii) A Comparative Vulnerability Analysis of the 8 Selected VDCs.

An Overview of Hazard, Vulnerability and Disaster Management in Nepal Summarises the current hazard and socioeconomic impacts of natural disasters, particularly landslides and debris flows and floods. The report also analyses the relationship between poverty and vulnerability at national, community and household levels.

General Publications

Introducing the NEPBIOS method of surface water quality monitoring - PARDYP, MNR

Mountain Flash Floods: Newsletter No. 38

International Year of Mountains 2002 Newsletter 39

Mountain Risks and Hazards: Newsletter 40

APMN Bulletin/MF Bulletin

Mountain Forum Brochure

Bees in Development Brochure

Catalogue of Publications

Annual Report 2000

Folder with 9 fact sheets and one programme overview

Celebrating Mountain Women - Brochure

Declining Apple Production and Worried Himalayan Farmers: Promotion of Honeybees for Pollination IMD 2001/01

Interacting Processes of Environmental and Social Vulnerabilities in Mountain Areas - N. S. Jodha, MEI - IMD 2001/6

Glacial Lakes and Glacial Lake Outburst Floods: MDP 2001/2 - Pradeep Mool, MENRIS

Mountain Development Profile: Mountain Tourism Programme - Dr. Joddha

The HKH-Friend Project: MDP # 3 - S. R. Chalise, Mandira S. Shrestha, MNR

Folder with 11 fact sheets - MF, ICOD

Mountain Forum: Annual Report 2000 - MF, ICOD

International Year of Mountains 2002: Brochure

Livestock, Fodder, Pastures and People: An Integrated Study in the Karakoram Region of Pakistan, - Technical Bulletin

International Year of Mountains 2002: Year Planner - IYM

The Changing Face of Pastoralism in the Hindu Kush-Himalaya-Tibetan Plateau Highlands - Camille Richard, MNR Project Brochure

IFAD Newsletter (Pilot Issue) - Atsuko Toda

Additional Contributions

The multidisciplinary staff of ICIMOD present many papers at ICIMOD-sponsored conference and workshops. These are documented in the reports of these workshops or in the other ICIMOD publications. In addition, ICIMOD staff contribute to other journals and are invited to present papers at conferences for which ICIMOD does not have the primary responsibility. The papers in this category, published/presented during 2001, are listed below

Ahmad, F., Partap, U., Joshi, S. R. and Gurung, M. B. **The Himalayan Kingdom of Nepal: An Island of Apis cerana beekeeping.** 2001. Published in *Beekeeping and Development* 61: 13.

Chettri, N.; Sharma, E.; Deb, D.C. **Bird community structure along a trekking corridor of Sikkim Himalaya: A conservation perspective.** 2001. Published in *Biological Conservation* 102 (1), pp 1-16.

Partap, U. and Partap, T. **Farmers' strategies to manage declining crop productivity declining crop productivity of apples due to pollination failures.** 2001. Published in the proceedings of 7th IBRA and Fifth AAA Conference held in Chiang Mai, Thailand held on March 19-25, 2000, pp 271-275.

Partap, U., Partap, T. and Yoghua, H. **Pollination failure in apple crop and farmers' management strategies in Hengduan, China.** 2001. Published in *Acta Horticulturae*. 561: pp 225-229.

Partap, U., Partap, T. and Yoghua, H. **Himalayan farmers feel the need to manage crop pollination: An example of hand pollination of apples in Maoxian county, China.** 2001. Published in the Proceedings of 7th IBRA and Fifth AAA Conference held in Chiang Mai, Thailand on March 19-25, 2000, pp 277-279.

Rijal, K. **New and Efficient Ways of Managing Fuelwood Supply from HKH Mountain Forest.** 2001. Paper presented at the International Workshop on Biomass Strategies for Europe and Developing Countries held on 19-21 November 2001. Organized by Swedish National Energy Administration, Stockholm Environment Institute and sponsored by SIDA, Eskilstuna, Sweden.

Rijal, K. **Role of Nepalese Energy in South Asia.** 2001. Paper presented at the Seminar on Energy Policy: National and Regional Implications organized by Nepal Foundation for Advanced Studies, Coalition for Action on South Asian Countries and Friedrich-Ebert-Stiftung, Kathmandu, Nepal.

Rijal, K. **Methodological Framework for Gender Relation Analysis in Household Energy Management.** 2001. Paper presented at Training of Trainers' on Improved Cooking Stoves, June-July 2001, organized by Centre for Rural Technology, held in Dhulikhel, Nepal.

Rijal, K. **Relevance of Arun- III Project in the National Development (in Nepali).** Published in a special Arun - III issue of *Environment Monthly*, Kathmandu, Nepal.

Rijal, K. **Status of Wind Energy Systems in Nepal.** 2001. Published in *Wind Energy Development in Nepal - Proceedings of a National Workshop*, 7-8 March 2001, HMG/N Ministry of Science and Technology, Intermediate Technology Development Group, Nepal and International Centre for Integrated Mountain Development, Kathmandu, Nepal.

Rijal, K. **Solar Energy in the Hindu Kush Himalaya.** 2001. Published in *Mountains of the World: Mountains, Energy and Transport*, prepared for the UN Commission on Sustainable Development (CSD) and its 2001 Spring Session, Mountain Agenda, Swiss Agency for Development and Cooperation (SDC), University of Berne, Switzerland. pp. 16-17.

Rijal, K. **Sustainable Fuelwood Use in Mountain Areas. 2001.** Published in Mountains of the World: Mountains, Energy and Transport, prepared for the UN Commission on Sustainable Development (CSD) and Its 2001 Spring Session, Mountain Agenda, Swiss Agency for Development and Cooperation (SDC), University of Berne, Switzerland. pp. 20-21.

Rotmans, A. **Methodologies Development for Assessing Mountain Agricultural Systems in the HKH Region and presentation of the MASIF platform. 2001.** Presented during the International Symposium on Mountain Agriculture for the HKH region, Kathmandu, Nepal on May 23, 2001.

Rotmans, A. **Methodologies for Assessing Mountain Agricultural Systems in the HKH Region. 2001.** Presented during a training course on Operational Tools, Feb. 19 2001, at IAC/ Wageningen University, the Netherlands.

Rotmans, A. **Methodologies for Assessing Mountain Agricultural Systems for Sustainable Planning and Development in the HKH region. 2001.** Presented at CIP, Lima, Peru, April 27, 2001.

Sharma, E. **Environmental Management in the Himalayan Region: Issues, Concern and Strategy. 2001.** A panelist presentation at the workshop on Himalayan Ecology: Main Issues and Concerns organised by Tata Energy Research Centre, New Delhi, November 29, 2001.

Sharma, E., Rai, S.C., Sharma, R. **Soil, Water and nutrient conservation in mountain farming systems: case study from the Sikkim Himalaya. 2001.** Published in the Journal of Environmental Management 61(2): pp123-135.

Sharma, E.; Jain, N.; Rai, S.C.; Lepcha, R. **Ecotourism in Sikkim : Contributions toward conservation of biodiversity resources. 2001.** Paper published in Marothia, D. (ed) Institutionalizing Common Pool Resources, Concept Publishing Company, New Delhi. pp. 531-548.

Sharma, H.K., Partap, U. and Sharma, J.P. **Madhumakhion mein gan chhoot ki smasya wa samadhan (Swarming of Bee Colonies and its control) in Hindi. 2001.** Presented at the Beekeeping Research Station of Dr. YS Parmar University of Horticulture and Forestry), Katrain, District Kulu, Himachal Pradesh, India.

Sharma, H.K., Partap, U. and Sharma, J.P. **Madhumakhion mein ghar chhoot ki smasya wa samadhan (Absconding of Bee Colonies and its control) in Hindi. 2001.** Presented at the Beekeeping Research Station of Dr. YS Parmar University of Horticulture and Forestry), Katrain, District Kulu, Himachal Pradesh, India.

Sherchan, U. **Mountain Children of Nepal: A Lost Generation? 2001.** Presented at the World Mountain Symposium, Interlaken, Switzerland, October 2001.

Sowerwine, D. and Rana, G. **Ropeways in the Hindu Kush-Himalayas: Helping to Solve the Problems. 2001.** Published in the Field Guide to Appropriate Technology, Brown University, USA, March 2001.

Tashi, N. **An Explorative Analysis on Productivity of Croplands in Tibet Autonomous Region, P.R. China. 2001.** <http://www.ciat.cgiar.org/inrm/workshop2001/docs/titles/9-1AAbstractNTashi.pdf>,

Tashi, N. **Delineating Mountain Farming Systems from Socio-economic Data: Testing Methodology in Tibet Autonomous Region. 2001.** <http://www.ciat.cgiar.org/inrm/workshop2001/docs/titles/8-1AAbstractNTashi.pdf>,

Tashi, N. **An explorative analysis on the cropland productivity of different agricultural systems in Tibet. 2001.** Presented during the International Symposium on Mountain Agriculture in the HKH region, May 24, 2001.

Tulachan, P. M. **Mountain Agriculture in the Hindu Kush-Himalayas: A Regional Comparative Analysis. 2001.** Published in Mountain Research and Development Vol 21 No 3, August 2001: pp260-267.

Tulachan, P. M. **State of Mountain Agriculture in the Hindu Kush-Himalayas: A Regional Comparative Analysis. 2001.** Published by ICIMOD, Kathmandu, Nepal,

