



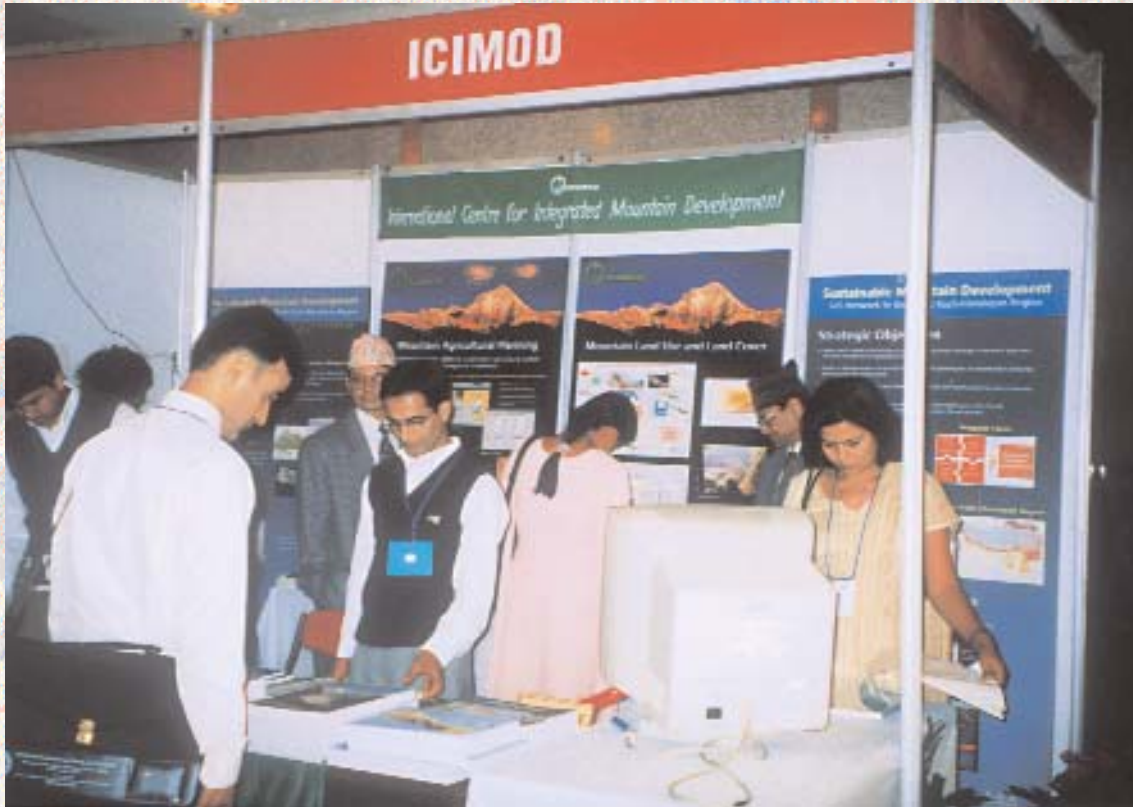
A map of the Hindu Kush Himalayan (HKH) region, showing the borders of Afghanistan, Pakistan, and Nepal. The Ganges River is highlighted in blue, and the Arabian Sea is labeled in the bottom left. The HKH region boundary is marked with a red line, and the River Basin Boundary is marked with a blue line.

Afghanistan

# INFORMATION AND KNOWLEDGE MANAGEMENT (IKM)

**T**he focus of the Information and Knowledge Management programme is on making mountain knowledge accessible to and usable for partners, policy-makers, advocates, and development practitioners for the benefit of mountain people. The programme is divided into two areas: Information Management, Communications, and Outreach (IMCO) and Mountain Environment and Natural Resources Information Systems (MENRIS).

 *River Basin Boundary*  
 *HKH Region Boundary*



Punam Pradhan

ICIMOD stall at an exhibition

Myanmar

Salween  
River  
Basin

Mekong  
River Basin

Bay of Bengal

# **IKM Strategy at ICIMOD**

ICIMOD is a learning institution. Its main asset is knowledge and networks that support knowledge sharing in the Hindu Kush-Himalayan region. ICIMOD's mission is to develop and provide integrated and innovative solutions, in cooperation with national, regional, and international partners, which foster action and change for overcoming mountain people's economic, social, and physical vulnerability. The IKM (Information and Knowledge Management) strategy aims to support this mission. In short, the IKM strategy should ensure that the knowledge accumulated by ICIMOD and its partners will be delivered to those who need the knowledge to solve development problems - policy-makers in governments and non-government organisations, aid agencies, development agencies, and communities.

The vision of the IKM Programme is that policy-makers will have access to available knowledge resources and share knowledge to develop better policies; in particular in natural resource management in the Hindu Kush-Himalayan Region. ICIMOD's mandate is to facilitate the process of introducing IKM tools and methods at ICIMOD as a cross-cutting platform for all programmes and at selected partner institutions.

The main role of the IKM Divisions, MENRIS and IMCO, is to develop and provide adequate tools (information sharing infrastructure), elaborate guidelines for using IKM tools, and assist all partners in production and publication of high quality information materials (content) to be shared electronically and by other communication means (traditional libraries, workshops, alternative media).

The IKM strategy is based on the following principles.

- Awareness building and a participatory approach at ICIMOD and among partners
- Close collaboration with domain experts (NRM as a case study for all partners, all IPs at ICIMOD participating)
- Identification and use of existing strengths and integration of available knowledge sources
- Identification of additional resources for complementary projects (e.g. mountain directory, policy and advocacy at the community level)
- Step-by-step implementation of a knowledge-sharing system (e.g. first identify and implement low-risk, useful components of the system to foster 'buy-in' attitudes, respond to demand or create a demand for new tools and methods)

## **Information Management, Communications, and Outreach (IMCO)**

Knowledge and information management cut across all aspects of ICIMOD's programmes, its partnerships in the region, policy promotion, and issues of governance and equity. The various activities are not separate; rather they are highly interlinked and interdependent. Information flows in all directions. An integrated knowledge and information management framework is needed to support planning, ensure efficiency, and facilitate interaction. The work of this initiative addresses the preparation and implementation of a framework for knowledge management as well as addressing the implementation of information and knowledge management in terms of processing, delivery, and exchange of knowledge and information evolving from and needed by ICIMOD; evolving from the work of partners in the region; and evolving from the many networks of which ICIMOD is a part. At the same time, it aims to bring

communities into the wider knowledge and information loop, creating a flow of knowledge and information and feedback from users to providers.

During 2003, IMCO has produced the following publications: technical publications (13), technical co-published (1), general publications (20), posters (32), and internal documents (5).

## The Library

### Development of Library Linkages

- An agreement was signed with Tribhuvan University Library to have students placed for library practice. Under this programme, 2 students were placed at the ICIMOD Library as interns for a period of 3 months. One student stayed for an additional period and is now working as the Library Assistant.

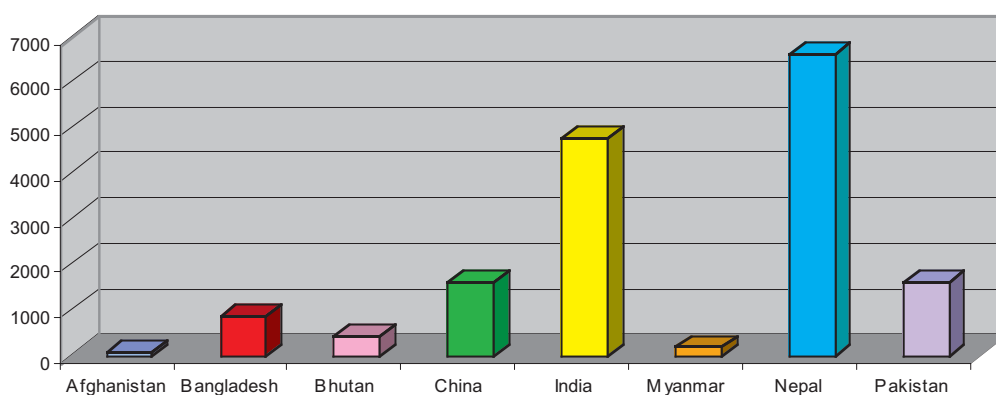
### Survey of libraries in the Kathmandu Valley

- A survey of forty-one libraries in the Kathmandu Valley as a basis for developing a joint proposal on development library linkages was undertaken and a preliminary report of the same compiled as preparatory work for the mountain directory.

### Library database

- In 2003, altogether 961 documents were added to the main Library database, making a total of 27,561 records. These include 16,153 documents from or on the Hindu Kush-Himalayas.
- Fortnightly lists of New Documents in the Library and monthly issues of New Serials in the Library were published electronically on the ICIMOD Intranet.
- Meanwhile, the library continued with its usual services and the following additions were made: 113 new titles added to the Tourism Resources; 48 records added to AGRIS; 40 new serials added to the serials' database; 25 new acquisitions (fortnightly) 1174 records and 9 new serials in the Library (monthly), 214 issues were posted on the Intranet; and 70 retrospective searches were carried out containing 3,000 pages.
- Approximately 42,122 users visited and used the Library.

**Number of Documents on the HKH in the ICIMOD Library**



## **Marketing and Distribution**

Promotion and sales of ICIMOD products were conducted through the ICIMOD website, PanAsia Ecommerce site, the earthprint.com site as well as through book fairs and exhibitions. The e-commerce contract with SMI (Distribution Services) Ltd., United Kingdom, for Earthprint.com was renewed for another two years (January 2003 - December 2004)

Three new book agreement contracts were signed, one in Nepal and the others in India. They are with the Vajra Bookshop, Kathmandu, Nepal; M/s Bishen Singh Mahendra Pal Singh, Dehra Dun, India; and Bibliophile South Asia, New Delhi, India.

There was an increase of 297 entries on the mailing list. Seventy-five per cent of members are from HKH countries. A new mailing list form was designed in line with the new programmes. Seven new Publication Exchange Programme (PEP) members were proposed and four admissions completed; and three more Contribution to the Resource Centre (CTRC) members have been received. There are 70 PEP members and 30 CTRC members. The Publications' Exchange Programme /Contribution to the Resource Centre Database was created to streamline data entry and management. Fourteen book reviews have appeared in various scientific journals.

Over 38,029 publications (inclusive of posters, videos, and cd-roms) were distributed: 8,018 were technical publications and 30,011 were general.

## **Outreach: Exhibitions and Fairs**

Outreach activities in term of taking part in bookfairs and exhibitions continued this year. Highlighted below are some of these events.

### **World Environment Day, 5-7 June 2003**

ICIMOD took part in the World Environment Day organised by the Ministry of Forestry and Soil Conservation/HMG Nepal from June 5-7, 2003, at the Birendra International Convention Centre, Kathmandu. ICIMOD also set up an exhibition stall which displayed publications, posters, cds, and videos. The posters highlighted the centre's new programme thrusts and water issues on the occasion of the International Year of Freshwater.

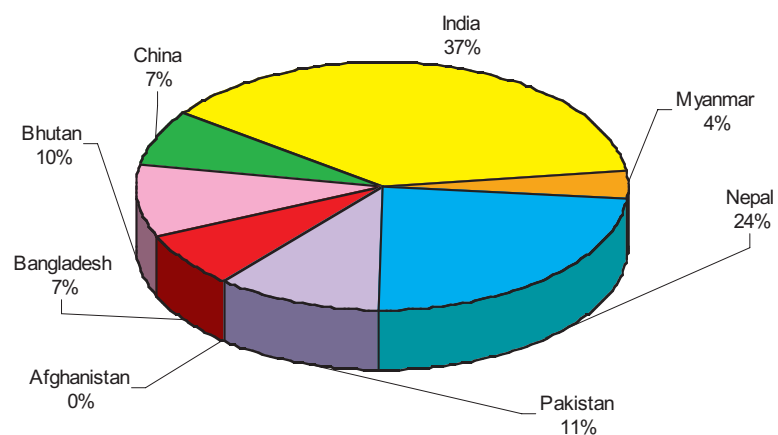
An environmental quiz, organised for the first time, for school children (classes 4-12) was highly successful. Prizes comprised of stationary items and candies.

At the inaugural session, the Director General of ICIMOD, Dr. J. Gabriel Campbell, was awarded with a plaque by HRH Crown Prince Paras Bir Bikram Shah for contributions to sustainable development.

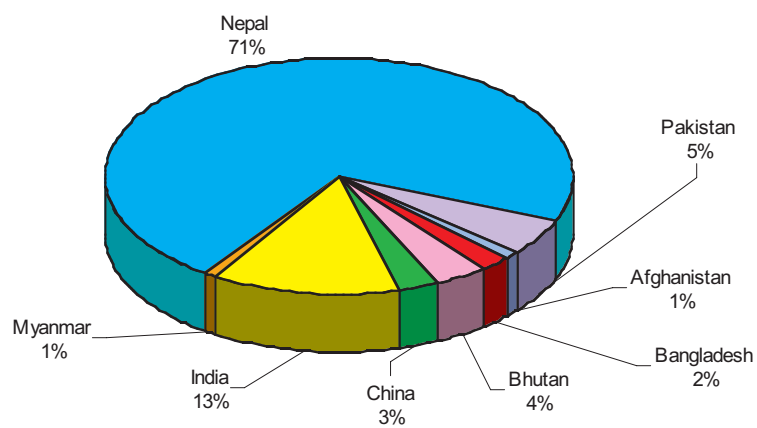
### **International Mountain Day Exhibition, 11-12 December 2003**

ICIMOD took part in the first-ever celebration of International Mountain Day (IMD) on 11 December 2003, and participated in a two-day exhibition which ran from 11-12 December at the Birendra International Convention Centre. The exhibition was organised by the Ministry of Forests and Soil Conservation/HMG, Nepal. ICIMOD was one of the co-sponsors of this event. The exhibition was inaugurated by HRH Crown Prince Paras Bir Bikram Shah, amid a function that also included the giving of cash prizes to an organisation and individuals for their contribution to the fields of environment and conservation.

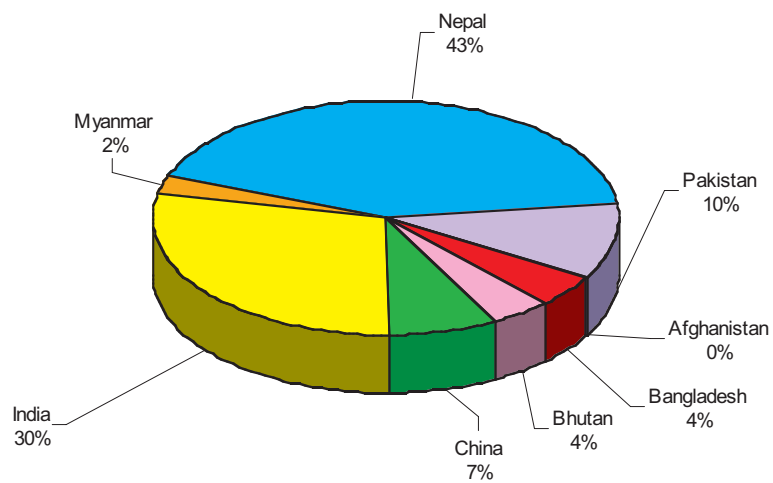
### Publications Exchange Programme as of December 31st 2003



### Publications Distributed in 2003



### Mailing List as of December 31st 2003



With the theme, 'Mountains: Source of Freshwater', the exhibition focussed on mountain development and a review of contributions made by various organisations, in both the government and non-government sectors, mainly in technology, ecology, culture, and in the livelihoods of mountain areas. ICIMOD emphasised water-related issues under the Water, Hazards, and Environmental Management (WHEM) Programme.

The overall objective of International Mountain Day was to follow up on the activities of the International Year of Mountains 2002, raise greater awareness among mountain development partners, share experiences, and explore opportunities for sustainable mountain development.

#### Other book fair/exhibitions participated in by ICIMOD in 2003

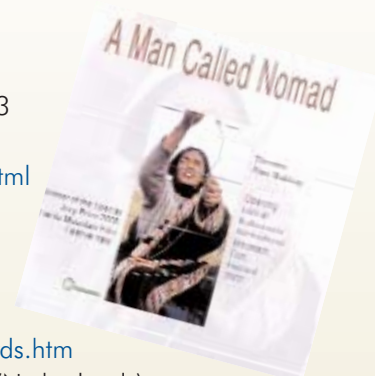
1. 7th Nepal Education & Book Fair 2003, May 9-17, 2003
3. Tri-Chandra Book Fair, 31 July-4 August 2003
4. SAARC Book Fair, New Delhi, August 20, 2003
6. A Book Exhibition-cum-Sale at the regional workshop on Community-Based Natural Resources Management (CBNRM), 4-7 November, 2003 organised by the Ministry of Agriculture, Royal Government of Bhutan, Lobeyesa, Bhutan.

#### Film Awards

Two of ICIMOD's films on Mountain Culture and one in the Natural Resource Management Series won international awards and recognition. They are as follows.

##### 1. **A Man Called Nomad** (set in Gansu Province, China)

- Special Jury Prize, 51st International Film Festival of Mountains and Explorations, 'Citta di Trento', (51st Trento Film Festival), 26-30 April, 2003 (Italy)  
<http://www.mountainfilmfestival.trento.it/pagine/ita/2003/default2003.html>
- Grand Prix Television Suisse Romand Festival International du Film Alpin des Diablerets, (FIFAD) (Switzerland)
- Best Film on Mountain Culture, 2003, Banff Mountain Film Festival (Canada)  
<http://www.banffcentre.ca/mountainculture/media/2003/filmfestivalawards.htm>
- The Spirit of the Himalaya, Himalayan Film Festival, 4-5 October 2003 (Netherlands)
- Best Ecological Film, 21st International Festival of Mountain and Adventure Films of Torello, 14-23 November 2002 (Barcelona, Spain)  
<http://www.torellomountainfilm.com/angles/principal/principal.htm>
- Best Script, Torello Mountain Film Festival (Barcelona, Spain)
- Best Photography, Torello Mountain Film Festival (Barcelona, Spain)
- Mountain Culture and Environment Film Prize, Kendal Mountain Film Festival (UK) <http://www.mountainfilm.co.uk/winners2003.htm>
- Honourable Mention, International Mountain and Adventure Film Festival (Austria)
- Best of Tibet Short Film, March 2004  
12th Annual Environmental Film Festival (Washington DC)
- Mario Ruspoli Prize, 2004, Comite Du Film Ethnographique, Paris, France



##### 2. **Timber to Tibet** (set in northern Gorkha District, Nepal)

Selected as one of 27 entries (from a total of 102) to 'Earth Vision' - Tokyo Global Environmental Film Festival, 30 October to 1 November 2003 (Japan)

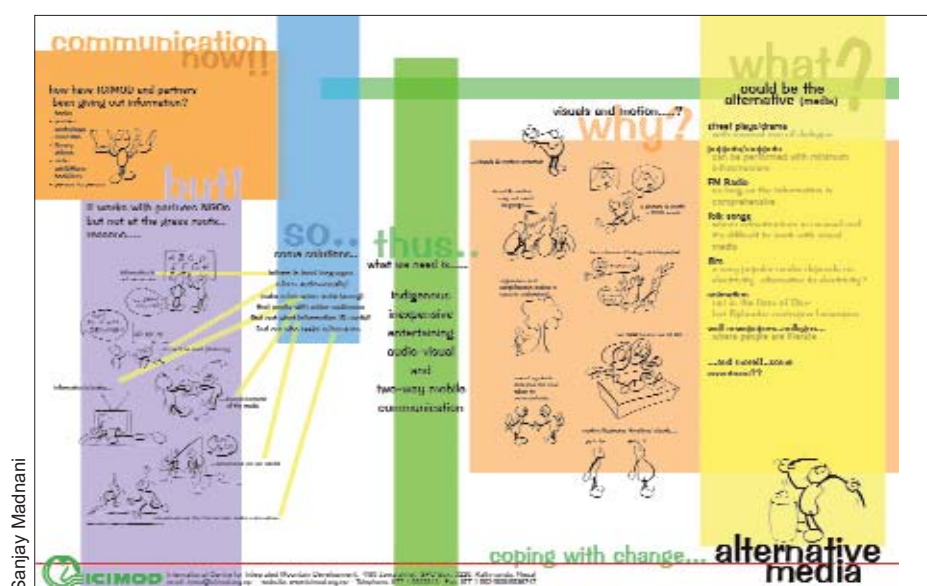


## Alternative Media

Alternative media of intrinsic value in the HKH are street dramas, dances, dance drama, festivals, shadow plays, puppetry, folk songs, and village newspapers and picture books. Radio and television, audio-visuals and films are also included. The Alternative Media project, which aims to expand outreach for ICIMOD programmes, has identified four partners: the Bangladesh Institute of Theatre Arts (BITA) in Bangladesh; the Missing Link in India; Spiny Babbler in Nepal; and, the Aga Khan Rural Support Programme (AKRSP) and its partner the District Coordination Council of NGOs (DCCN) from Chitral, Pakistan.

These groups have been familiarised with packages of best practices in natural resource management that ICIMOD can offer. Initial needs' assessments in selected target areas indicate that packages on water harvesting and water conservation (plastic film), water and soil conservation measures (SALT and seabuckthorn), and beekeeping-particularly pollination techniques-will be popular, as farmers are interested in off-season vegetables and improving processing to build up small enterprises off farm from on-farm products. There is also an interest in reforestation, and Spiny Babbler in Nepal has helped to promote this through art exhibitions, theatre, and collage work in schools in its chosen area. They have also embarked on a 'My Tree' project in their area, and are sending in information that will help substantially in project design. In Nepal, in particular, FM radio has already proved its feasibility, and programmes to support farming technologies in partnership with local stations have now become a distinct possibility.

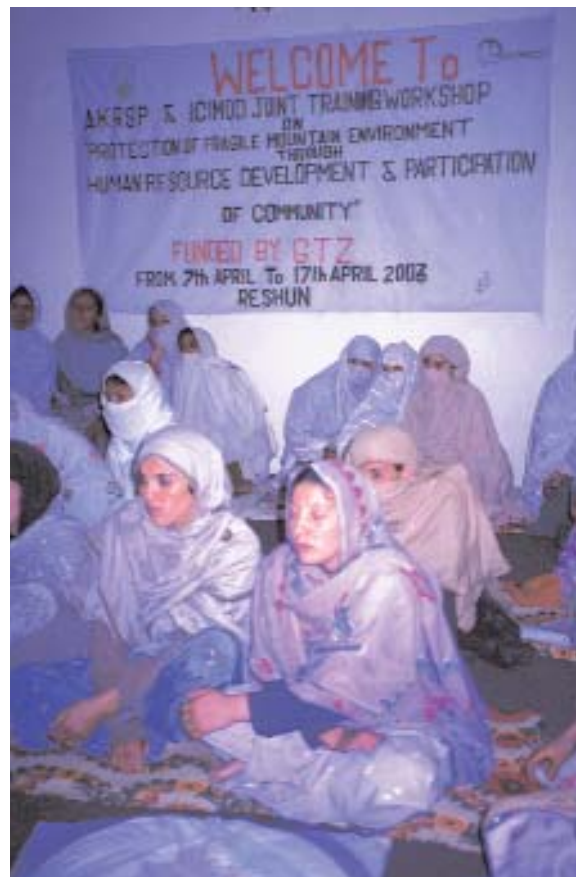
ICIMOD's Animator has been working with a scriptwriter to develop packages on sloping land technologies and beekeeping. A drama involving human and puppet actors and using the village environment has been written. The drama form is useful because it can be adapted for radio and television, for classrooms, as well as for farmhouses and village squares. As it uses human and puppet inputs, it can be adapted to any number of messages, or other art forms can be adapted from it. It uses a typical human situation in a mountain village to promote improved farming techniques that include soil enrichment and conservation.



## GATE project

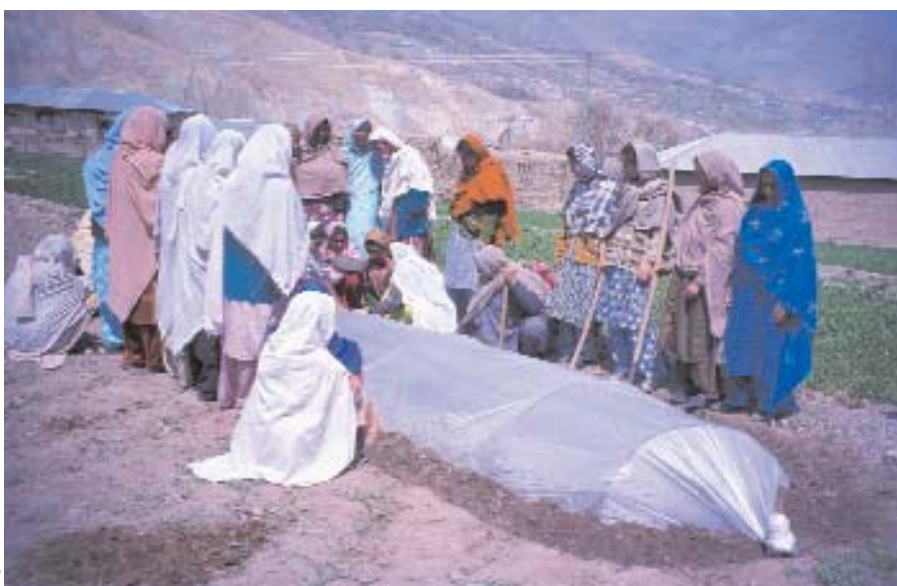
The Asia Pacific Mountain Network (APMN) was formed in 1995, primarily as an electronic meeting place for organisations and individuals concerned with mountain development, to generate and disseminate information about the region's mountains and to publicise and promote the mountain agenda. It is also a regional node of the Mountain Forum (now hosted by ICIMOD). It works to promote collaboration among the mountain countries of Asia and the Pacific by sharing experiences, information, policies, technologies, methodologies, and management system issues related to sustainable mountain development. It also aims to build the capacity of individuals and organisations in the region involved in mountain development.

APMN has completed the GATE project, 'Protection of Fragile Mountain Environment through Human Resource Development and Participation of the Community,' in Chitral, Pakistan, with its partner, the Aga Khan Rural Support Programme. It has been successful in involving women from Chitral in training and in becoming trainers, and producers, and providers of material on best agricultural practices: namely, in beekeeping, sloping agricultural land technology (SALT), and plastic film technology (PFT). This project is exceptional in the way it has empowered women in an extremely conservative area of Pakistan and brought them out of their traditional roles.



Ujoi Sherchan

Training of trainers in progress, Chitral, Pakistan



Ujoi Sherchan

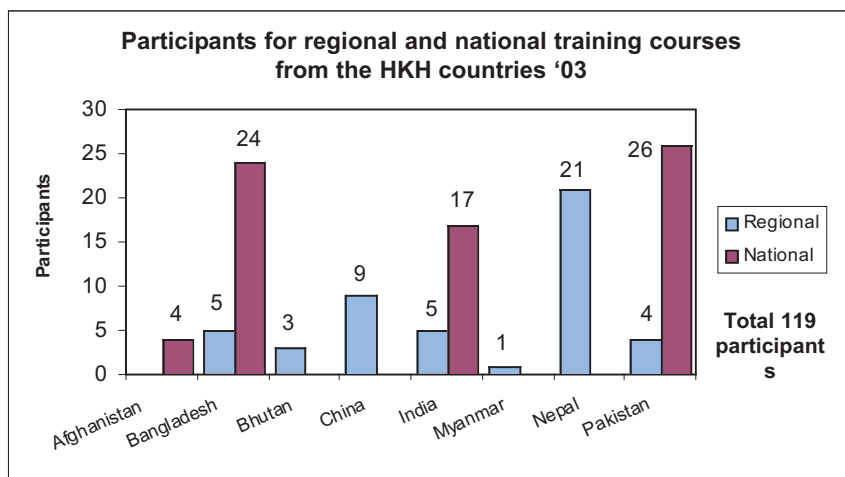
Plastic film technology, Chitral, Pakistan

# Mountain Environment and Natural Resources Information Systems (MENRIS)

The Mountain Environment and Natural Resources Information Systems (MENRIS) serves as a regional information resource centre-a hub for the HKH with a decentralised network of users and providers of data and information on sustainable mountain development issues.

## Capacity Building and Networking

As a part of continuing capacity building and networking activities of ICIMOD, MENRIS organised three regional training courses on issues relating to water resources' management and disaster management in mountainous environments. Also, three national training courses were held in close collaboration with national partners in India, Pakistan, and Bangladesh. In 2002, national training courses were conducted in Bhutan, Tibet Autonomous Region of China and Myanmar.



## Training manuals and materials prepared in 2003





GIS for Sustainable Mountain Development Computer-based Training



Training Materials in the Chinese Language

## Mountain GIS Portal

The availability of consistent databases, containing information relevant to mountain issues at local, national, and regional levels, is essential for investigating key components of mountain development and supporting decision-making. During 2003, ICIMOD has developed a Mountain GIS Portal to serve as a virtual platform for sharing data and information on GIS resources that address sustainable mountain development issues in the HKH. It offers a new one-stop experience for geographic data needs in the region and includes training and educational resources, database and metadatabase resources, map resources, and application resources.

**GIS data resources through the mountain GIS portal:** There is continuing growth in databases at MENRIS, developed through project activities or acquired through different sources from outside. A systematic approach has been taken to catalogue these GIS database, image database, and map database.

**GIS database catalogue:** An integrated data catalogue has been maintained for all the available GIS datasets for easy access and retrieval through a standard metadata for the HKH region. The catalogue is maintained in the MS SQL format and can be accessed through the Mountain GIS Portal. URL: <http://www.icimod-gis.net/myasp/meta/user/uxmlsearch.htm>

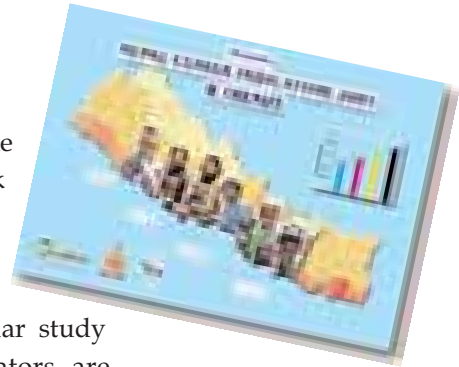
**Image catalogue:** As the utility of the satellite images are continually on the rise, the image database size is growing. A catalogue system has been designed in MS Access, which holds all the necessary information about the satellite image in a quick look facility. The system is aimed at serving as the metadata for the satellite image database and will be integrated into the Mountain GIS Portal. URL: <http://www.icimod-gis.net/imagecatlinks/searchimagecatalog.asp>

**Map catalogue:** A system has been devised to archive maps that are produced by ICIMOD systematically. This electronically based map-cataloguing system with easy to use interface and search capabilities is available through the Mountain GIS Portal. URL: [http://www.icimod-gis.net/myasp/map\\_catalogue/users/searchform.asp](http://www.icimod-gis.net/myasp/map_catalogue/users/searchform.asp)

The Mountain GIS Portal is an important initiative combining GIS resources and disseminating them to wider audience through the internet. It has the potential to link with other international initiatives such as FAO, UNEP, National Geographic Society, and others. Access to the portal is through [www.icimod-gis.net](http://www.icimod-gis.net).

## Nepal Development Indicators

In collaboration with the Central Bureau of Statistics and the Netherlands Development Agency (SNV), ICIMOD undertook joint studies to produce two publications, entitled 'Districts of Nepal-Indicators of Development 2001' and 'Mapping Nepal Census Indicators 2001 and Trends'. 'Districts of Nepal-Indicators of Development 2001' is a follow-up to a similar study carried out in 1997 and was constructed so that indicators are comparable. In both studies, various socioeconomic parameters were analysed using GIS tools and techniques and data from the past three censuses to show trends over time. Other thematic data, such as agricultural census data and natural resource information, were integrated to generate indicators of development in Nepal. The study will be of great interest to policy-makers and development practitioners. There have been discussions about carrying out similar studies in other countries of the HKH region in close collaboration with national partners.



## Atmospheric Brown Cloud (ABC) Study in Nepal

In partnership with UNEP RRC.AP and Scripps Institute of Oceanography (SIO), ICIMOD has been implementing a pilot study on Atmospheric Brown Cloud (ABC) in Kathmandu. Various instruments are kept in different places to determine the overall snapshot of the climatic system and aerosol contents in the atmosphere. Phase II of the Transboundary Air Pollution project was implemented with the establishment of a monitoring station at IAAS Rampur, Chitwan, which monitors air quality as well as rainwater chemistry. The monitoring results will provide scientific information and an integrated model can be developed to support science/policy interactions in South Asia; and this will be carried out in Phase III.



# Mountain Forum (MF)

## *Introduction*

The Mountain Forum is a global network of networks for information exchange, mutual support, and advocacy for equitable and ecologically sustainable mountain development and conservation. The Forum's electronic information services include global, regional, and thematic e-mail discussion lists, focused electronic conferencing; a calendar of events; and a growing on-line library of mountain resources. Currently, close to 10,000 documents are hosted on its website at <http://www.mtnforum.org>.

The Mountain Forum network is comprised of a global secretariat and five regional networks, or nodes: the Asia Pacific Mountain Network, the European Mountain Forum, InfoAndina (the Latin American Mountain Forum), the North American Mountain Forum, and the African Mountain Forum.

The Mountain Forum Secretariat (MFS) coordinates Mountain Forum's governance, provides global information services to the nodes as well as support, and reports to its own board. MFS represents the network at international fora and actively promotes and advocates sustainable mountain development. It promotes the network and coordinates with the Mountain Forum regional nodes for global and inter-regional activities. It raises funds for its operations and supports the nodes in their fund-raising efforts.

From 1996 to 2000, Mountain Forum Secretariat's responsibilities were handled on a rotating basis by the Mountain Forum regional nodes. However, since 2001, after winning a competitive bidding process ICIMOD has hosted a permanent secretariat office in Kathmandu.

## *Transference of Responsibilities for Information Services to MFS in Kathmandu*

In 1996, the Global Information Server Node (GISN) was founded to provide technical coordination and capacity building services to the Mountain Forum network and was hosted by The Mountain Institute (TMI) in the USA. In 2002, however, a Mountain Forum board mandate resolved that by 2003 GISN functions would be transferred to a developing country. ICIMOD, again, was chosen as the new host institution for information services' functions, as a co-location with MFS would clearly bring benefits in enhanced operational efficiency and cost effectiveness.

The year 2003 was one of significant internal transition and change for MFS. A new Executive Secretary was hired in March 2003. The MFS Interim Programme Officer finished her one-year tenure in July 2003 and a new permanent Programme Development Officer was hired to take her place starting in December 2003. The transference of responsibilities for information services from GISN at The Mountain Institute in the USA to ICIMOD in Nepal was by far the singlemost time-intensive activity of the year 2003. Vacancy announcements and full terms of reference (TORs) for the four new positions of Programme Development Officer, Information Services' Programme Officer, and two Information Services' Programme Assistants were developed in June. A global competition for the above positions was conducted in July and August, resulting in 600 applications for the four positions. Short-listing of candidates, interviews, and final selection occurred in August and September. The new MFS-merged information services' staff attended a training programme in Harrisonburg, Virginia, USA, in October, and all of the new staff arrived in Kathmandu by the end of November 2003. During December, the primary responsibility for all of the activities carried out by GISN was transferred to the new information services' staff. GISN staff continued to provide consultancy services as needed. The MFS staff shifted to new office premises provided by ICIMOD to accommodate its increased size. New computers, related equipment, and software needed to maintain the secretariat office and provide information services were procured, and a significant effort was

put into identifying the best solution for the internet connectivity needs of the new information services section of MFS.

The transference of GISN responsibilities was completed seamlessly and successfully.

### ***Activities Related to the Mountain Partnership***

As a result of successful global efforts to stimulate support for sustainable mountain development during the International Year of Mountains 2002, a new global Mountain Partnership was established through the initiative of the Swiss and Italian governments. The Mountain Partnership is a broad-based alliance of countries, intergovernmental organisations, and major groups and was established as a Type II Partnership at the World Summit on Sustainable Development in September 2002. The Mountain Partnership aims to tap the wealth and diversity of resources, knowledge, information, and expertise from and through its members, in order to support concrete initiatives at all levels that will ensure lasting mountain development.

Mountain Forum is working actively with the Mountain Partnership. Close contact was maintained through extensive communications and face-to-face meetings during 2003 with the Mountain Partnership interim secretariat based at the UN Food and Agriculture Organization in Rome, Italy. Discussions focused on shaping the form and level of long-term collaboration between the Mountain Forum and the Mountain Partnership. Mountain Forum expects to provide the Mountain Partnership with its information and communications needs.

### ***E-consultation publication and the Merano Meeting***

The regional nodes and MFS and GISN collaborated to organise an e-consultation on potential funding options, membership criteria, and governance structures for the Mountain Partnership in April 2003. A synthesis report on the e-consultation was produced and later translated into French and Spanish. All three versions were published as 16-page glossy booklets and produced in time for distribution at the first global meeting of the Mountain Partnership held in Merano, Italy, in October 2003. A number of Mountain Forum representatives from MFS, the regional nodes, and the Mountain Forum board of directors participated and made presentations at this important meeting.



TMI and MFS Staff  
at TMI's Spruce  
Knob Mountain  
Center, West  
Virginia, USA,  
October 2003 for  
the information  
services' training  
programme

# Bookshelf in 2003

## TECHNICAL PUBLICATIONS

### SPECIAL EDITIONS

- **Districts of Nepal: Indicators of Development 2001** (2003) 108p. ISBN 92-9115-796-1
- **Mapping Nepal Census Indicators 2001 and Trends** (Book + CD-Rom) (2003) 320p ISBN 92-9115-782-1 (Book) ISBN 92-9115-829-1 (CD-Rom)
- Shrestha, B.; Bajracharya, B.; Pradhan, S.; Rajbhandari, L. **GIS for Municipal Planning: A Case Study from Kirtipur Municipality** (Book + CD-Rom) (2003) 100p. ISBN 92-9115-756-1(Book);ISBN 92-9115-832-1 (CD-Rom)
- Tang Ya; Tulachan, P. M. (eds.) **Mountain Agriculture in the Hindu Kush-Himalayan Region: Proceedings of an International Symposium** 21-24 May 2001, Kathmandu, Nepal. (2003) 276p ISBN: 92-9115-717-1
- Sherpa, L. N.; Peniston, B.; Lama, W; Richard, C. **Hands Around Everest: Transboundary Cooperation for Conservation and Sustainable Livelihoods** (2003) 83p ISBN: 92-9115-703-1
- Ahmad, F; Joshi, S. R.; Gurung, M. B. **The Himalayan Cliff Bee *Apis laboriosa* and the Honey Hunters of Kaski: Indigenous Honeybees of the Himalayas, Vol. 1** (2003) 52p. ISBN: 92-9115-684-1

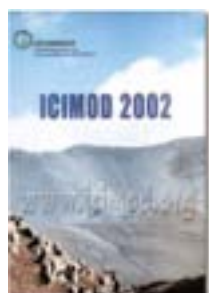
### TALKING POINTS

- Ahal, R. **The Politics of Cooperative Forest Management: The Kangra Experience, Himachal Pradesh.** (Talking Point 3/02) (2003) 124 p. Lang: Hindi ISBN: 92 9115 801 1

### PARTNERSHIP PLATFORMS

- Tashi, N.; Rotmans, A. **Ecoregional Approaches to Mountain Agriculture: Tools for Planning and Development - Report of an Inter-Ecoregional Workshop, 22-25 Oct 2002, Kathmandu, Nepal.** (Partnership Platforms, 1/03) (2003) 55p. ISBN 92-9115-698-1
- **Celebrating Mountain Women: A Report on a Global Gathering in Bhutan, October 2002.** (Partnership Platforms 2/03) (2003) 61p. ISBN: 92-9115-720-1
- **Regional Cooperation for Flood Disaster Mitigation in the Hindu Kush-Himalayan Region: Report of the 2nd High Level Consultative Meeting on Establishment of a Regional Flood Information System, 10-13 Mar 2003, Kathmandu, Nepal.** (Partnership Platforms, 3/03) (Main Volume + Supplementary Volume). (2003) 67p & 96p ISBN 92-9115-734-1 (Main volume) ISBN 92-9115-779-1 (Supplementary volume)
- **Integrating Mountain Culture and Natural Resources: an E-conference, September 2001.** (Partnership Platforms, 4/03) (2003) 45p. ISBN 92-9115-748-1





### Video Films and VCDs

- **Dzumsa. Traditional Natural Resources Management in Sikkim**, India, 26 min, (2002) Directed by Sushmita Basnet
- **Impact of War on Afghanistan's Environment: 23 years of war has created an environmental nightmare Afghanistan**, 25 min, English (also available in Dari). (2002) Directed by Kabir Khan
- **A Man Called Nomad**- Gansu Province/China, 38 min, English (also available in Mandarin). (2002) Directed by Alex Gabbay
- **Timber to Tibet: Trees from Nepal for Food from Tibet, Nepal**, 28 min, English. (2002) Directed by Mohan Mainali

### GENERAL PUBLICATIONS

- Water and Mountains International Year of Freshwater Newsletter No. 42, Winter (2003), 32p.
- Looking Forward: Building on International Year of Mountains 2002 Newsletter No. 43, Summer (2003), 36p.
- Annual Report 2002 (2003) 65p.
- ICIMOD Calendar 2004
- ICIMOD Year Planner 2004 (Wallchart 91.5 cm x 61cm)
- ICIMOD Brochure: Partnerships in Mountain Development, Securing the Future of the Hindu Kush-Himalayas
- ICIMOD Catalogue of Publications, January 2002 - March 2003 (with summaries for 2000 and 2001), 40 p.
- PARDYP Brochure 2003, 6p

### ICIMOD Bookshelf

A one-page summary sheet, the ICIMOD Bookshelf, is issued to accompany all new publications. This sheet is intended to provide a summary of the main points of information in a book together with ordering details, so that publications of interest can be selected more easily. The sheets are also intended as a way of disseminating information about ICIMOD publications per se. Sheets are available for distribution at meetings, conferences, fairs, and during visits to partners and other institutions. Also available on-line at <http://www.icimod.org>

Bookshelf sheets are available for all the 2002/3 publications listed in this catalogue except the General Publications.

### ICIMOD publications on-line – order direct at

<http://www.icimod.org/publications/pubmenu.htm>

<http://www.panaseanemall.org/shop/icimod>

<http://www.earthprint.com/icimod>

# Additional Contributions

The multidisciplinary staff of ICIMOD present many papers at ICIMOD-sponsored conferences 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 2003, are listed below.

- Adhikari, T.S.; Upadhyay, B.P.; Dhakal, M.P.; Dangol, P.M.; Shrestha, S.; Nakarmi, G.; Prajapati-Merz, B.; Jha, P.C. (2003) **Sustainable water management in the Jhikhu Khola watershed**. In Domroes, M. (ed.) Translating development - The case of Nepal. New Delhi: Social Science Press: pp. 47-78
- Ahmad, F. Joshi, S. R. and Gurung, M. B. **Conserving wild bees and promoting *Apis cerana* beekeeping**. Beekeeping for Development Journal 67: 10
- Ahmad, F. Joshi, S. R. and Gurung, M. B. **Grassroots sharing through networking**. Beekeeping for Development Journal 68: 6
- Ahmad, F., Partap, U., Joshi, S. R. and Gurung, M. B. **Collective wisdom on indigenous honeybees**. Beekeeping for Development Journal 66: 7
- Bajracharya, B. **Geographic Marginality and Geo-Information Infrastructure**. Paper presented at the 'International Conference on Marginality: Opportunities and Constraints' Kathmandu, February, 2003
- Dhakal M; Dongol B; Dongol P; and Merz J. (2004) **Water availability study in PARDYP - In Nepal watershed** Kathmandu. Paper presented in Nepal to the Society of Hydrologists and Meteorologists, Kathmandu, Nepal, 23rd March, 2003.
- Dongol B. S; Dongol P; Dhakal M; Shah P. B; Shrestha S, Bajracharya D. J.; and Merz J. (2004) **"First assessment of ground water quality status in Jhikhu Khola watershed, Nepal**. Paper presented to the Society of Hydrologists and Meteorologists, Nepal, 23rd March, 2003.
- Gurung, M. B.; Ahmad, F.; Joshi, S. R.; and Bhatta, C. R. **The value of *Apis cerana* beekeeping for mountain farmers in Nepal**. Beekeeping for Development Journal 69: 13
- Gurung, M. B.; Ahmad, F.; Joshi, S. R.; and Bhatta, C. R. **The value of *Apis cerana* beekeeping for mountain farmers in Nepal**. Beekeeping for Development Journal 69: 13
- Kerkhoff, E. **Agroforestry in the Middle and Upper Himalayas**. In: Pathak, P.S. and Ram Newaj (eds.) Agro forestry: Potentials and Opportunities (2003) Agro bios (India)-Indian Society of Agro forestry pp. 107-120
- Kerkhoff, E; and Choudhary D. (2003) **Permaculture and certification - A Case of Nepal** (unpublished, 8p) Paper presented at the National Seminar on 'Organic Farming in Mountain States', November 24-26, 2003, Dehra Dun, India
- Merz, J.; Allen, R.; Shah, P. B.; Weingartner, R. (2003) **Degradation of land and water resources: Selected areas in the Hindu Kush-Himalayas**. In Domroes, M. (ed.) Translating development - The case of Nepal. New Delhi: Social Science Press. pp. 23-34
- Merz, J.; Nakarmi, G.; Shrestha, S.K.; Dahal, B.M.; Dangol, P.M.; Dhakal, M.P.; Dongol, B.S.; Sharma, S.; Shah, P. B.; Weingartner, R. (2003) **Water: A scarce resource in rural watersheds of Nepal's Middle Mountains**. In Mountain Research and Development Vol. 23 No. 1: pp. 41-49
- Merz, J.; Nakarmi, G.; Weingartner, R. (2003) **Potential solutions to water scarcity in the rural watersheds of Nepal's Middle Mountains**. In Mountain Research and Development Vol. 23 No. 1: pp. 14-18

- Merz, J.; Shrestha, B.; Dhakal, M.P.; Dongol, B. (2003) **Water and Rural Watershed: Middle Mountains of Nepal**. In Domroes, M. (ed.) *Translating development - The case of Nepal*. New Delhi: Social Science Press: pp. 34-46
- Jodha N.S. **A Note on Indicative Aspects of Decentralisation and Accelerated Social Progress in South Asia**, submitted to UNDP-SAARC Secretariat Planning Team on Changing Face of Poverty in South Asia, Kathmandu, (December 2003)
- Jodha N.S. **Potential Sources of Adverse Repercussions of Globalisation for Mountain Areas and Communities and Approaches to Adapt to Them**. Paper presented at MRI / UNESCO International Workshop on 'Global Change Research in Mountain Biosphere Reserves', Entlebuch Biosphere Reserve, Switzerland (10-13, November, 2003)
- Nakarmi, G.; Merz, J. (2003) **Rooftop Water in Nepal**. In *Alternatives Journal*, Vol. 29 No. 2: p. 32. [brief article]
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- Sharma, E.; and Chettri, N. (2003) **Sustainable Biodiversity Management Practices in the Hindu Kush-Himalayas**. In proceedings of 'Norway/UN Conference on Technology Transfer and Capacity Building on Biodiversity'. Edited by Odd Terje Sandlund and Peter John Schei, 23-27 June. Trondheim, Norway
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- Shrestha, M.S.; Chalise, S. R. (2003) **A Regional Initiative in Flood Information Exchange in the Hindu Kush-Himalayas**. Paper presented at the '1st International Conference on Hydrology and Water Resources in Asia and the Pacific Region (APHW 2003)' organised by the Asia Pacific Association of Hydrology and Water Resources in Kyoto (13-15 March)
- Shrestha, M.S., **Regional Data Network and Cooperation in Flood Disaster Mitigation in the HKH-Region**, Paper presented at the Cooperative Monitoring Centre, SANDIA-Laboratories, Albuquerque, USA, 11 September, 2003
- Singh, H. B.; Sundriyal, S.C.; and Sharma, E. (2003) **Livestock Grazing in the Kangchenjunga Biosphere Reserve of Sikkim Himalaya, India: Implications for Management**. *The Indian Forester* 129(5): 611-623