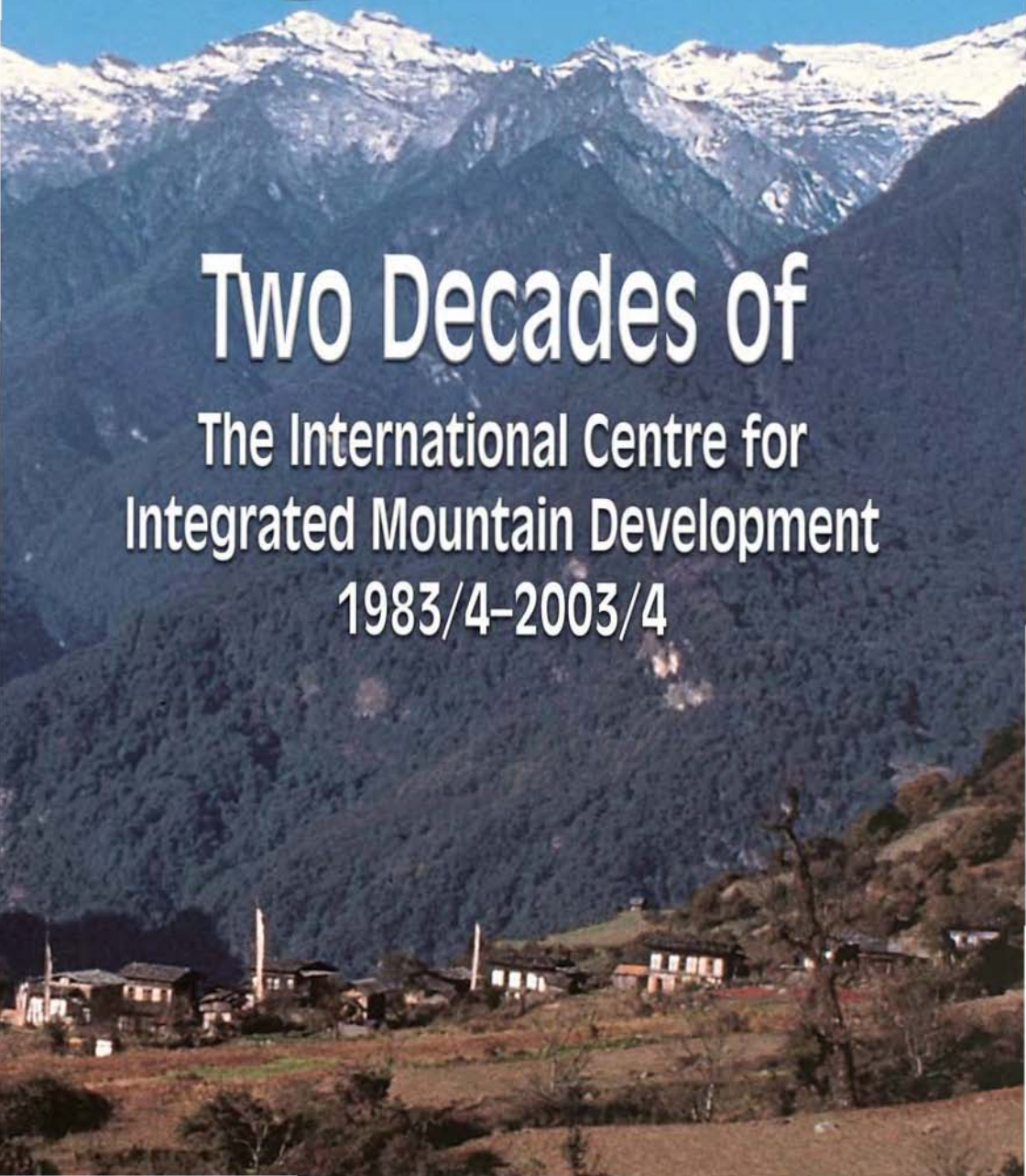




Two Decades of
The International Centre for
Integrated Mountain Development
1983/4-2003/4



About ICIMOD

The **International Centre for Integrated Mountain Development** (ICIMOD) is an independent 'Mountain Learning and Knowledge Centre' serving the eight countries of the Hindu Kush-Himalayas – Afghanistan , Bangladesh , Bhutan , China , India , Myanmar , Nepal , and Pakistan  – and the global mountain community. Founded in 1983, ICIMOD is based in Kathmandu, Nepal, and brings together a partnership of regional member countries, partner institutions, and donors with a commitment for development action to secure a better future for the people and environment of the Hindu Kush-Himalayas. The primary objective of the Centre is to promote the development of an economically and environmentally sound mountain ecosystem and to improve the living standards of mountain populations.

Two Decades of International Centre for Integrated Mountain Development 1983/4 – 2003/4

International Centre for Integrated Mountain Development
Kathmandu, Nepal
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A Word from the Director General

ICIMOD was born as a bold idea to improve the lives and safeguard the environments of the greater Himalayan region we call the Hindu Kush-Himalayas. Two decades later, we look back over the years and find that this Centre has a rich history of learning, growing, and accomplishment.

To honour these eventful years and the many people who have shaped and supported ICIMOD, we have compiled this booklet.

It is not meant to be a comprehensive history of achievements, nor an appraisal of them – but rather a celebration of an institution that has contributed to changing the nature of sustainable development in the mountains both regionally and globally.

A film compiled from the archives of the best practices ICIMOD promoted is also provided along with the booklet. The publications and other products contained in the list in the annexes are available on request from distri@icimod.org.np.

We hope you find the booklet of interest and that you will, through its pages, visit ICIMOD again and again.

J. Gabriel Campbell Ph.D
Director General
ICIMOD

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Preparing the Ground

Why

The global phenomenon of widespread deterioration of mountain natural resources and the consequent devastating impacts on millions of poor and disadvantaged peoples in the Himalayan region prompted environment-conscious scientists and leaders to conceptualise the idea of establishing a regional centre focused on integrated mountain development.



Deforestation



Gathering fuelwood



Intensive agriculture



Population explosion

How it all Began

Key international meetings led to the idea behind the establishment of the Centre.

- *United Nations Conference on Human Environment, Stockholm, 5-16 June 1972*
One of the principal insights emerging from the conference was that the processes of development and of care and protection of the natural environment are inextricably linked and interdependent.
- *International Workshop on the Development of the Mountain Environment, German Foundation for International Development, Munich, December 1974*
The workshop recommended the establishment of an institution in Nepal to promote an ecologically sound development process in mountain regions.
- *Regional Meeting on Integrated Ecological Research and Training Needs in the Southern Asian Mountain Ecosystems, Kathmandu, Nepal, 1975*
This meeting led to an invitation from His Majesty's Government of Nepal (HMG/N) to establish an international centre in Kathmandu capable of providing all the countries of the Hindu Kush-Himalayan Region with the scientific knowledge and qualified personnel needed for the implementation of integrated development activities.

Founding Sponsors

The United National Educational, Scientific and Cultural Organisation (UNESCO), the Government of Switzerland and the Federal Republic of Germany, and His Majesty's Government of Nepal became the founding sponsors of ICIMOD, providing an initial annual budget of approximately US \$1 million.



Agreement signed between HMG/N and UNESCO, UNESCO Headquarters, Paris, 30 September 1981

An agreement providing the legal basis for this international autonomous centre was signed in Paris by the Government of Nepal and UNESCO.

Seated left to right: Dr. W. Goerke, Ministerialrat, Federal Ministry of the Interior (FRG); Prof. Bruno Messerli, Chairman, Swiss MAB Committee; Dr. Chiranjeevi L. Shrestha, Member Secretary, ICIMOD Preparatory Committee; Dr. Ratna S.J.B. Rana, Chairman, ICIMOD Preparatory Committee; H.E. Mr. Krishna Raj Aryal, Royal Nepalese Ambassador to France; Dr. Amadou Mahtar M'bow, Director-General, UNESCO; Prof. A.R. Kaddoura, Assistant Director-General for Science, UNESCO



Facing camera, left to right: Dr. Amadou Mahtar M'bow, Director-General, UNESCO; Prof. A.R. Kaddoura, Assistant Director-General for Science, UNESCO; Mr. Thet Tun, Director, Asia and Oceania Division, CPX; Dr. Gisbert Glaser, Programme Specialists, Division of Ecological Science, UNESCO, Mr. T. Etemadi, Senior Liaison Officer, CPX/AFE; Mr. Narayan Das Shrestha, Royal Nepalese Embassy, Paris; Mr. C. Hosten, Legal Officer, International Standards Division, IA



H.E. Mr. Krishna Raj Aryal, Royal Nepalese Ambassador to France and Nepalese Permanent Delegate to UNESCO; and Dr. Amadou Mahtar M'bow, Director-General of UNESCO; signing the agreement on behalf of HMG/N and UNESCO respectively





The Royal Nepalese Ambassador and UNESCO Director-General exchanging the signed documents while Prof. Bruno Messerli (seated), Dr. Ratna S.J.B. Rana, Dr. Chiranjeevi L. Shrestha and Prof. A.R. Kaddoura (seated) look on

The Government undertakes to make the necessary arrangements in 1981, so that from the time the present agreement comes into force, an International Centre for Integrated Mountain Development will be able to operate in Nepal.

- Agreement between UNESCO and HMG/N for the Establishment and Operation of an International Centre for Integrated Mountain Development, Article I, 1981

First meeting of the Interim Board of Governors, Kathmandu, Nepal, 11-13 July 1982

The Statutes for the establishment of ICIMOD were approved at this meeting by the Board.

The primary objectives of the Centre shall be to help promote the development of an economically and environmentally sound mountain ecosystem and to improve the living standards of mountain populations of the Hindu Kush-Himalayan Area which, for the purpose of these Statutes, includes Afghanistan, Bangladesh, Bhutan, China, India, Myanmar (Burma), Nepal and Pakistan.

- ICIMOD'S Statutes, Article 1, 1982

Regent of ICIMOD Appointed

"The Interim Board of Governors appointed Mr. Peter Gueller as the Regent of ICIMOD. Born in 1935 in Zurich, Mr. Gueller is of Swiss nationality. He is an architect and holds SFIT/STA/BSP degrees and memberships. Mr. Gueller is a specialist in Regional Development and Project Evaluation."

Mr. Gueller's regency started in July 1982 and his duties were to establish necessary infrastructure and services; prepare a publicity package and look after distribution; organise the recruitment of the director and to organise the first workshop and inauguration.



Mr. Peter Gueller

"The main objectives of development in the Himalayas are to guarantee long-term sustainable and stable production in the mountainous areas, especially on the marginal land, where high subsistence agriculture has to be developed. Therefore, basic application-oriented research is required. Better knowledge is necessary to reduce the constraints and to increase the potential of the mountain eco-system and the surrounding lowlands and plains. In this sense, ICIMOD has to stimulate research activity in the Hindu Kush-Himalayas, but it also has to see that the results are available (documentation), applicable (training), and, finally, that they are applied (information)."

– Bruno Messerli, University of Berne, Switzerland, at the First Symposium of ICIMOD, December 1983

Member Countries



Afghanistan



India



Bangladesh



Myanmar



Bhutan



Nepal



China



Pakistan

Eight member countries of the Hindu Kush-Himalayan Region endorsed the establishment of the Centre.

Laying the Foundation of ICIMOD 1983-1987

From 1983 to 1987, ICIMOD went through a formative stage during which the Centre had to find its footing, build its identity and niche, and establish a base of operation.

The First Meeting of the Board of Governors was held in Kathmandu, Nepal, from 30 August to 1 September 1983. It was chaired by Dr. Ratna S.J.B. Rana, the first Chairman of the Board of Governors. Present at the meeting were Board members and the Regent of ICIMOD.



Members of the First Board of Governors (from left to right): Dr. Narsingh Narayan Singh, Dr. Klaus J. Lampe, Dr. Li Wenhua, Dr. T.N. Khoshoo, Dr. Gisbert Glaser, Dr. Ratna S.J.B. Rana, Mr. Hasan Nawab, Prof. Dor Bahadur Bista, Mr. Peter Gueller (Regent), Dr. Rudolf Hoegger

The First International Symposium and Inauguration of ICIMOD

were held in Kathmandu, Nepal, from 1 to 5 December, 1983. The theme of the symposium was 'Mountain Development 2000: Challenges and Opportunities.'

Glimpses

The Centre was inaugurated by the Right Honourable Prime Minister of Nepal, Mr. Lokendra Bahadur Chand.



Prime Minister, Lokendra Bahadur Chand Inaugurating the Centre

"The Hindu-Kush Himalayas present an area of unique ecological diversity. Of late, it has been the focus of international effort towards solving environmentally induced problems in this region. It is therefore heartening that an international centre - the International Centre for Integrated Mountain Development (ICIMOD) - is being set up in Nepal with the principal objective of promoting the concept of integrated mountain development."

- Mr. Lokendra Bahadur Chand, Prime Minister of Nepal, November 1983



"The main purpose of the Centre is to help to improve the living conditions of populations by fostering the development and rational utilization of resources of every kind, together with the lasting preservation of mountain ecosystems, as part of the overall development of the countries concerned."

- Mr. Amadou-Mahtar M'bow, Director-General of the United Nations Educational, Scientific and Cultural Organization (UNESCO) gave an address on the Occasion of the Inauguration of ICIMOD

The keynote speech was delivered by Dr. Maurice Strong, Chairman of the Canada Development Investment Corporation.



Dr. Maurice Strong

"The challenge of ICIMOD is to lighten the pathways to sustainable development for the peoples of mountain regions; and to help them evolve the modes of development which are most appropriate to their own values and needs, and to the ecological realities with which they must contend; by concentrating its attention in this, the greatest of all mountain regions throughout the world."

Dr. Maurice F. Strong, Chairman of the Board of Canada Development Investment Corporation and former Founding Director of the United Nations Environmental Programme, Keynote Address on the Occasion of the Inauguration of ICIMOD

Dr. Ratna S.J.B. Rana, Chairman of the Board of Governors, addressed the symposium



"Poverty, increasing population, lack of technology, and development itself have put the supporting capacity of the mountain environment under strain. If we let this situation continue, we are putting ourselves and our children in great peril in the years ahead. Thus, even to preserve what we already have, we will have to work harder now. Moreover, we will have to keep on working and, perhaps, make sacrifices for this cause as long as we live. If we do not, we will be depriving future generations of the very opportunity to do anything about it at all."

- Dr. Ratna S.J.B. Rana, Chairman of Board of the Governors, ICIMOD: Address on the Occasion of the Inauguration of ICIMOD, December 1983

Eighty-eight policy-makers, practitioners, and scholars attended the function, of whom 50 were from the 8 countries of the region (Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal and Pakistan), and the rest were from other countries and international organisations.



Participants at the First Symposium



Participants at the First Symposium



Participants at the First Symposium



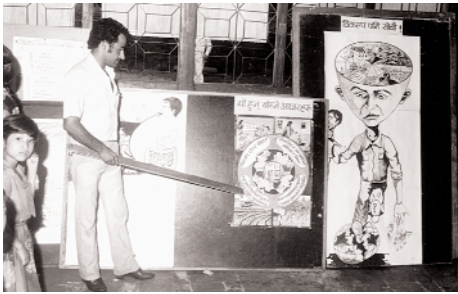
Participants at the First Symposium

Two points were emphasised.

- To arrive at a more practical understanding of the key social and biophysical linkages of development
- To mobilise professional and scientific expertise in a framework of regional cooperation

Exhibitions

'The Environment of Man in Nepal'



First symposium exhibition



First symposium exhibition



First symposium exhibition



First symposium exhibition

Children's paintings on the hill environment



A painting by Purna Pote Shrestha (aged 19),
Dhulikhel, Kavre District, Nepal



A painting by Dhan Bahadur Lama (aged 18),
Pulchowk, Lalitpur District, Nepal



A painting by Changi Shrestha (aged 16),
Bahrabise, Sindhupalchowk District, Nepal

A Commemorative Tree Planting Ceremony was held at
Godavari on 5 December 1983.



Dr. Rudolf Hoegger, ICIMOD Board Member, planting a tree at Godavari

“The Chandragiri Hills’, a play on deforestation by Deepak (Steve) Tamang was performed (Annex 1).



A scene from ‘The Chandragiri Hills’

Five Programmes: Watershed Management, Off-Farm Employment Generation, Rural Energy Planning, Engineering in Fragile Environments and Information Systems for Mountain Development together with a documentation and information exchange service were started in 1984. Major activities were confined to holding seminars and workshops on key mountain issues; and these were, for the most part, annually determined based on staff expertise and the nature of funding available.

The Regent of ICIMOD, Mr. Peter Gueller, left Nepal in mid-April 1984. As Regent of ICIMOD, Mr. Gueller had made a remarkable contribution to the establishment of the initial operation of ICIMOD. The Centres owes much to Mr. Gueller for doing all the spade work to bring ICIMOD to the stage of developing practical activities.



"It is not intended that ICIMOD plays a competitive or parallel role to any existing institution, but a supplementary one in furthering the effectiveness of national, bilateral, and international bodies operating in the region. International cooperation in the region should develop along lines which make it easy for each partner to provide the Centre with a maximum of professional support, and to profit from it."

– Mr. Peter Gueller, Regent of ICIMOD (1982-1984), Views on the Role and Concern of ICIMOD, paper presented at the First Symposium of ICIMOD, 'Mountain Development: Challenges and Opportunities' 1983



Professor Kenneth Colin Rosser

became the First Director of ICIMOD on 28 March 1984.

Prof. Rosser, a national of the United Kingdom, believed the Centre should direct its efforts to both the actual development needs of local populations in mountain regions and to the concerns of government policy-makers responsible for formulating and implementing systematic development programmes in these regions. If ICIMOD was to thrive, it must establish itself as a specialised institute with its own international reputation for the highest professional standards in its field.

Professor Kenneth Colin Rosser

ICIMOD was granted the Legal Status of an International Centre by Nepal on 8 April 1984, when the Centre signed an agreement with His Majesty's Government of Nepal (HMG/N). With this, the Centre had the privileges and immunities as well as other provisions applicable to international organisations.



Dr. Ram Prakash Yadav became the First Deputy Director of ICIMOD in September 1984.

In 1975, Dr. Yadav obtained his Ph.D. in Agricultural Economics from Cornell University, majoring in international agricultural development and minoring in international trade and quantitative analysis. He was subsequently awarded the Mahendra Bidya Bhusan by His Majesty the King of Nepal in 1976. On returning to Nepal, Dr. Yadav joined the

Dr. Ram Prakash Yadav

Agricultural Projects Services Centre (APROSC) as a founding staff member, and became its Executive Director on 1976. Later in 1982, he was awarded an IDRC fellowship to work on 'Resource Allocation and Incentives for Agricultural Research in Nepal' at the International Food Policy Research Institute (IFPRI), Washington D.C., where he was a Research Fellow until joining ICIMOD.



Mr. Surendra Man Shrestha

Mr. Surendra Man Shrestha became the First Chief Administrator on 1 August 1985. A national of Nepal, Mr. Shrestha brought with him several years of administrative experience in senior management posts with the Asian Institute of Technology (AIT), Thailand. He streamlined the administrative and logistical units of the Centre.

The Operational Phase of ICIMOD

began on 1 September 1984 when it launched its Phase I Work Programme (September 1984 - December 1985).

Principal Objectives of the Programme

- To organise a series of state-of-the-art knowledge reviews to explore aspects of mountain development
- To develop a working relationship with other regional and international institutions
- To establish a Documentation Centre as the hub of a planned region-wide information exchange network



ICIMOD Building #1



Ms. Subarna Bajracharya (extreme right), the first librarian of ICIMOD, talking to Dr. Anis Dani. Mr. R.B. Shrestha (front right) and Ms Shanti P. Bajracharya look on.

A Documentation Unit/ Library was set up in the Centre in 1985. National documentation centres on mountain development were set up in China, India and Bhutan.

Objective

To create a strong Hindu Kush-Himalayan network of documentation centres on integrated mountain development based on national centres cooperating in systematic information assembly, classification, retrieval and exchange.

The First International Workshop on the Management of National Parks and Protected Areas in the Hindu Kush-Himalayas was held in Kathmandu, Nepal, from 5 to 11 May 1985. It was organised by the King Mahendra Trust for Nature Conservation and ICIMOD, in cooperation with the Department of National Parks and Wildlife Conservation of Nepal, International Union for Conservation of Nature and Natural Resources (IUCN), UNESCO (MAB Programme), and World Wildlife Fund-U.S.A. His Majesty, King Birendra Bir Bikram Shah Dev of Nepal, inaugurated the workshop.



His Majesty King Birendra Bir Bikram Shah Dev of Nepal lighting the auspicious lamp to open the workshop



His Royal Highness Prince Gyanendra Bir Bikram Shah, Chairperson of the King Mahendra Trust for Nature Conservation, delivering the keynote address at the workshop

Recommendations

- The need for a community development strategy at the regional or district level for Protected Areas
- Research on alternative methods of agriculture and animal husbandry
- Socioeconomic development of people living in the vicinity of National Parks and Protected Areas

A Three-Year Senior Fellowship Programme was initiated in February 1986. It was funded by the Ford Foundation.

Aim

To enable invitees to undertake 'sabbatical' research and publication (on leave from their own institutions or agencies) at ICIMOD on subjects of direct relevance to the effective development of mountain communities and the sound environmental management of their vulnerable mountain habitats

Eight fellowships were awarded altogether. The first fellowship awarded was to Dr. Tirtha Bahadur Shrestha, Member, Royal Nepal Academy. At the end of his fellowship, he wrote *Development Ecology of the Arun River Basin in Nepal*.

Dr. Tirtha Bahadur Shrestha of the Royal Nepal Academy, a Himalayan botanist and ecologist of international distinction, and the first senior research fellow, at a col near Makalu Base Camp during field research



Computer Technology arrived at ICIMOD

in 1987. ICIMOD acquired its first set of computers and started a computerised facility at its premises in line with technology development in office management and overall work efficiency.



Staff at work on computers

The first project of ICIMOD was launched in January 1987 with financial support from the European Economic Community (EEC). The project was entitled 'Strengthening Rural Energy Planning and Management in the HKH'.

Purpose

- To develop methods of rural energy planning and management in mountain regions
- To disseminate them among district level officials
- To train trainers from selected institutions in Bhutan, China, India, Nepal and Pakistan

Reaching Out! 1988-1992

The Second Phase of ICIMOD's Professional Development began in 1988. This was characterised by a more direct emphasis on the Centre's basic task of promoting integrated mountain development as the essential tool for achieving the goal of sustainable development of vulnerable mountain regions.

The Centre concentrated its attention on four programme areas selected as key 'components' of integrated mountain development. These four inter-related programme areas are shown in the diagram below.





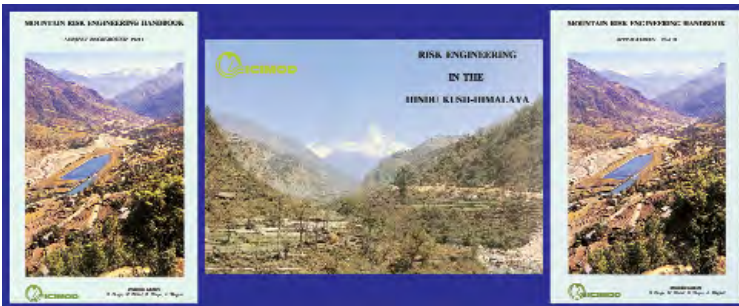
Mountain Risk Engineering (MRE) was a major achievement of ICIMOD.

MRE Phase I lasted from January 1988 to February 1990. It was sponsored by the European Economic Community.

MRE Phase II lasted from March to August 1991. It was

sponsored by the Swiss Agency for Development and Cooperation (SDC) and the German Agency for Technical Cooperation (GTZ).

MRE Handbooks Volume 1 and Volume 2 and an Awareness Document were published. These handbooks are being used by road and infrastructure engineers in the region and have been adopted also as course books by Tribhuvan University, Nepal, for the engineering faculty. Other engineering faculties in the region also have used it.



The MRE Manuals and Awareness Document

A Workshop on Women, Development and Mountain Resources was held in Kathmandu, Nepal, from 21 to 24 November 1988.

Outcome
Inclusion of gender perspectives in ICIMOD's programmes in all divisions



Participants of Workshop of Women Development and Mountain Resources

Director-General of UNESCO visits ICIMOD

On 18 December 1988, Prof. Federico Mayor Zaragoza, Director-General of UNESCO, visited ICIMOD.

Significance

UNESCO is a founding sponsor of ICIMOD. The Centre was established based upon an agreement between UNESCO and HMG/N in 1981.

Research Work in the Jhikhu Khola Watershed

began in 1989. The Jhiku Khola Watershed is located in Kabhrepalanchowk District, 40 km east of Kathmandu, in the Middle Hills of Nepal.

Aims

- To establish baseline information on resource conditions in the Middle Mountains of Nepal
- To monitor the resource dynamics under increasing population pressure

An International Symposium on Mountain Environmental Management

was held in Kathmandu, Nepal, from 11 to 14 April 1989. It was organised jointly by ICIMOD and UNESCO/MAB.

Objectives

- To discuss area-specific 'institutional' and 'management' issues
- To identify priorities for a medium-term work programme



Dr. Colin Rosser, Director of ICIMOD, with Prof. Federico Mayor Zaragoza, Director-General of UNESCO



<http://www.icimod.org/projects/jhikhu1.htm>



Participants at the International Symposium on Mountain Environmental Management



Dr. E.F. Tacke

Dr. E. Frank Tacke became the Director-General of ICIMOD on 1 August 1989. Dr. Tacke, a national of the Federal Republic of Germany, succeeded Prof. Rosser as the Director-General. An eminent development expert, Dr. Tacke came to ICIMOD after a distinguished career of 30 years in international agencies like OECD and the Asian Development Bank (ADB). His experience as Director of one of ADB's major

programmes was invaluable for the development of ICIMOD.

"Roles change with changing circumstances. From 1984-1988, the work of ICIMOD was mainly involved in laying the foundations for an institution that would serve the function of identifying the parameters for sustainable and integrated mountain development in the Hindu Kush-Himalayan Region and of helping to design solutions to technical problems and institutional issues."

– Dr. E. Frank Tacke, Director-General, ICIMOD (August 1989 - February 1994)
Foreword, Annual Report 1989

A Regional Workshop on Hydrology of Mountainous Areas

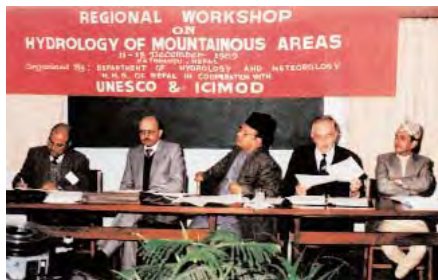
was held in Kathmandu, Nepal, from 11 to 14 December 1989. It was organised by the Department of Hydrology and Meteorology, HMG/N, in collaboration with UNESCO, ICIMOD, and Nepal's National Committee of the UNESCO for the International Hydrological Programme. It was inaugurated by Mr. Hari Bahadur Basnet, Minister for Water Resources, HMG/N.

Objective

To expose participants to the regional problems associated with mountain hydrology

Finding

Mountainous regions represent a very fragile and highly sensitive hydrological regime



The Concluding Session at the workshop

Recommendation

To assess the hydrological and ecological consequences of mountain topography a regional working group should be established.

The First Annual Report of ICIMOD

(Annual Report 1989) was published in 1990 and covered the first years of operation.



A Discussion Paper Series was Launched in 1990 in the four thematic research and development areas.

- Mountain Farming Systems [MFS]
- Mountain Population and Employment [MPE]
- Mountain Infrastructure and Technology [MIT]
- Mountain Environmental Management [MEM]

Objective

Promotion of dialogue among development professionals about innovative ideas and the reasons behind the success or failure of development experiences

The First Quinquennial Review (QQR 1) of the programme and management of the Centre was held from 3 February to 7 May 1990.

The Review Panel Members

Dr. Amir Muhammed (Chairman)

Dr. John C. Cool (Member)

Dr. Rolf Wilhelm (Member)

Recommendations

Important changes in the structure of governance of ICIMOD and its management



QQR Panel's visit to Jiri Technical School, Nepal

Outcome

Based upon these inputs and the experiences of the preceding five years, ICIMOD developed a Strategic Plan that identified overall priorities and approaches for the future.

"Mountain development is only partly a bio-physical and technology-driven process. In the main, it is and will remain, a product of humankind's institutional exploitation of mountain environments. Sustainability must begin with people, their values and their institutions. It is not 'technique driven' but 'people driven'. In maintaining a focus on upland farmers, their institutions, aspirations and values, ICIMOD can do much to ensure that both developers and environmentalists remain aware of this central reality while not neglecting the importance of natural forces in a changing environment, or the role of the bio-physical sciences in measuring and assessing ecological processes."

– First Quinquennial Review

An International Symposium on Strategies for Sustainable Mountain Agriculture was held in Kathmandu, Nepal, from 10 to 14 September 1990. The symposium was inaugurated by the Right Honourable Krishna Prasad Bhattarai, the Prime Minister of Nepal.



"My first message to the mountain people is to be proud; proud of the diverse cultures of the mountains, the people that formed those cultures and have done so in very difficult conditions over long periods of time. They have a very strong sense of place, they have very fine adaptations to the mountain environment as reflected in their indigenous knowledge about their natural resources, reflected in the refined technologies and the animals they have, as reflected in their ethnicity and their religious cultural systems; all these are products of the intimacy between the people and their environment.

And no one else can duplicate that. The rest of the world essentially owes them, if nothing else, the respect that they deserve."

Dr. Robert E. Rhoades, Professor of Anthropology, University of Georgia, U.S.A.,
interview published in ICIMOD Newsletter 26 Winter 1996

"The place to resolve the crucial, intellectual battles is outside the capital city, beyond the safe walls of the university, outside the bureaucrats' offices, and in the fields or homes of farmers. Mountain people may be poor in capital but rich in other areas such as natural resources, and cultural knowledge about resources and management, and they possess as well specialised technologies or social strategies for dealing with the mountains. By placing development in the hands of local committees, there is a better chance that practices will be adapted to the environmental reality of the landscape."

Dr. Robert E. Rhoades, Professor of Anthropology, University of Georgia, USA,
Pathways Towards A Sustainable Mountain Agriculture for the 21st Century, The
Hindu Kush Experience



The Inaugural Session - The Right Honourable Prime Minister, Mr. Krishna Prasad Bhattarai (centre), and the Honourable Minister for Agriculture, Mr. Jhalanath Khanal (second from left)

Objective

To share the findings and analyses of ICIMOD'S research on mountain agriculture with a wider community of experts involved in mountain development.

The Mountain Agenda was Launched in 1991 by ICIMOD, with the United Nations University (UNU) and the International Mountain Society (IMS).

Aim

To put mountains on the world's environmental agenda (with the Rio Conference of 1992 as the initial focus)

Outcome

- Three documents were published under this project.
 - Status Report on the Mountains of the World
 - Appeal Document
 - Mountain Manifesto

Achievement

The Mountain Agenda formula proved to be a successful and inexpensive way of giving public visibility to mountain problems.

A Seminar on Rural Energy and Related Technologies

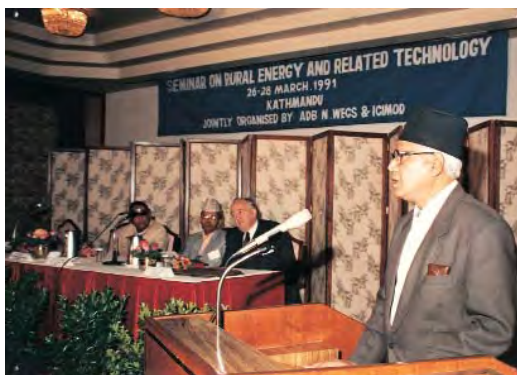
was held in Kathmandu, Nepal, from 26 to 28 March 1991, by ICIMOD, in collaboration with the Agricultural Development Bank of Nepal (ADB/N) and the Water and Energy Commission Secretariat (WECS).

Objective

To explore alternative approaches to energy development which are sustainable

Recommendation

Energy conservation and alternative energy technologies and their application should be integrated into the development plans of the country at the national level and be linked with sectoral activities in the District Development Plan.



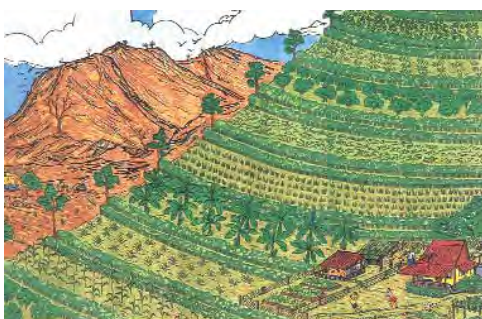
The Chief Guest, the Right Honourable Prime Minister, Mr. Krishna Prasad Bhattarai, delivering the Inaugural Address

A separate publications unit became operational

in May 1991. The Publications Unit consisted of an editor, an assistant editor, and a desktop publisher.

Sloping Agricultural Land Technology (SALT)

In June 1991, an action-cum-research trial and demonstration activity was introduced in Ningnan County, Sichuan, China. The Institute of Geography, CAS, Beijing, the Institute of Biology, CAS, Chengdu, and the country authorities in Ningnan collaborated with ICIMOD in this exercise.



Sloping Agricultural Land Technology

Sloping Agricultural Land Technology (SALT) is a simple, applicable, low-cost but effective way of farming hilly lands without losing the topsoils through erosion. Hedgerows are planted along contours of sloping land at intervals of four to six metres and various cereal crops and perennial cash plants are cultivated in the alleys.

A New Board of Governors — June 1991

At a meeting held in Berne, Switzerland, in June 1991, the Board of Governors approved the formation of a new Board of Governors consisting of 15 members, 8 representing governments of participating countries of the Hindu Kush-Himalayan Region and 7 independent individuals.

The First Donors' Meeting was held in June 1991 in Berne, Switzerland.

Purpose

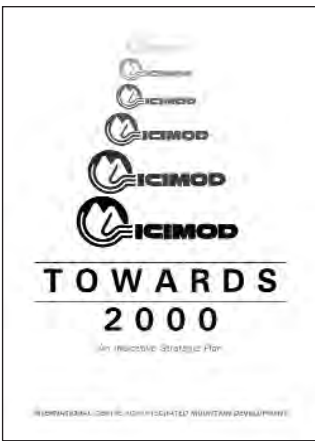
- To brief present and potential donors on the issues, problems, and challenges of mountain development
- To highlight the achievements of ICIMOD
- To solicit support for the promotion of ICIMOD's activities aimed at helping to improve the well-being of mountain communities and at reducing the physical environmental degradation in mountain regions

At its concluding session, this meeting reconstituted itself as the ICIMOD Support Group. The Support Group plays an important role in mobilising the resources needed for meeting the future development requirements of the Centre.



"There is no doubt that ICIMOD has achieved an appreciable amount over a short period of time. But now is the juncture at which it can provide impetus in bringing innovative ideas and support in its related fields to the common problems of the region. ICIMOD can also help to bring about integration and coordination among all agencies that are working towards achieving similar objectives. ICIMOD has been far ahead of other international centres which are only now beginning to appreciate the importance of resource management issues."

– Dr. R. Hoegger, Outgoing Chairman of the Board of Governors, ICIMOD



ICIMOD Towards 2000: An Indicative Strategic Plan

was prepared by ICIMOD in October 1991, following the first Quinquennial Review and the adoption of the majority of its recommendations by the Board of Governors. It describes the programme goals, major thrusts, expected achievements, staffing needs and funding requirements of ICIMOD for the next 10 years. It emphasises a decentralised working mode that relied heavily on the implementation of programmes through appropriate national agencies.



Dr. Mahesh Banskota (extreme right) with Mr. Egbert Pelinck (centre) and Dr. E. Frank Tacke (extreme left)

Dr. Mahesh Banskota was appointed Director of Programmes,

on 1 July 1992. He had worked for ICIMOD in various capacities since July 1984. He was appointed Chief Programme Coordinator in June 1987 and was redesignated as Acting Director of Programmes in November 1991.

The Government of Nepal provided land to ICIMOD

on 5 November 1992. The 30 ha (600 ropanis) of land is on the northern slopes of Phulchowki in Godavari, the south-east corner of the Kathmandu Valley.



Training Centre at Godavari

Purpose

- To build a training centre for demonstration of practical technologies supporting integrated mountain development

Reviewing and Consolidating 1993-1997

ICIMOD completed 10 years of work in 1993. The Centre celebrated its 10th Anniversary in Kathmandu, Nepal, on 5 December. Activities lasted from 30 November to 6 December 1993. The underlying theme for all anniversary-related activities was 'Mountain Development - Constraints and Opportunities'.

The following activities were organised.

10th Anniversary Symposium, 1-2 December 1993. It was inaugurated by the Right Honourable Prime Minister of Nepal, Mr. Girija Prasad Koirala.

Participants came from three main groups.

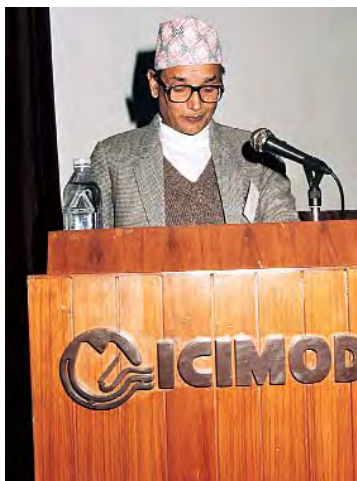
- ICIMOD regional member countries (Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal and Pakistan)
- Member countries and agencies of the ICIMOD Support Group and the donor community
- Independent experts in mountain research and development



Inauguration of the symposium by the Right Honourable Prime Minister of Nepal, Mr. Girija Prasad Koirala



Dr. E. Frank Tacke, Director-General of ICIMOD (Centre), addressing the symposium



Dr. I.P. Upadhyaya, Chairman of the ICIMOD Board of Governors, and Secretary, Ministry of Education and Culture, HMG/N



Dr. Klaus Lampe, Director-General, International Rice Research Institute, Keynote Speaker



Judging the paintings

A Children's Painting Competition

was organised for children in Bangladesh, Bhutan, India, and Nepal on the theme, 'Integrated Mountain Development.' The best 10 paintings from each participating country were brought to ICIMOD and winners were assessed by eminent judges. Dr. Arzu Rana of IUCN coordinated the competition and was one of the judges. The winners were brought to Kathmandu and awarded cash prizes and certificates. The paintings were displayed during the 10th Anniversary Exhibition.

The winners

- First Yeshi Dorje of Bhutan
- Second Sayeda Nigar Hussain of Bangladesh
- Third Saurav Kumar Das of India
- Fourth Jagat Ram Dhakhwa of Nepal

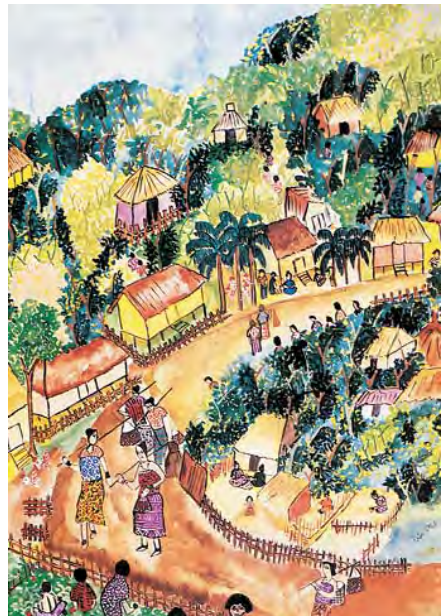


The winners: second, fourth, and third

The paintings



First



Second



Third

The 10th Anniversary Exhibition, was opened by the Honourable Minister for Education, Culture and Social Welfare, HMG/N, Mr. Govinda Raj Joshi, on 30 November 1993.



Fourth



Honourable Minister for Education, Culture and Social Welfare, Mr. Govinda Raj Joshi (second from right) at the exhibition

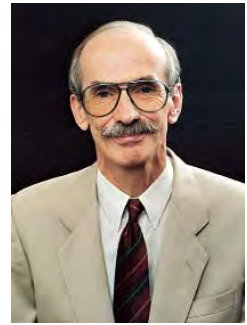


Mr. Remo Gautschi, ICIMOD Board, planting a tree in Godavari

Commemorative Tree Planting took place at the ICIMOD Site, Godavari, on 5 December, 1993. Representatives of the regional governments and the scientific and donor communities gathered at Godavari for this ceremony.

Mr. Egbert Pelinck was appointed Director-General of ICIMOD

on 1 March 1994. Mr. Pelinck, a national of the Netherlands, took over as the Director-General of ICIMOD from Dr. E.F. Tacke. Mr. Pelinck is a graduate in forestry and nature management from the University of Wageningen and has experience in environmental management and development cooperation in Asia and Africa. He also worked at the headquarters of the Food and Agriculture Organization of the United Nations (FAO) and the Department of Development Cooperation of the Dutch Ministry of Foreign Affairs.



Conference on the Sustainable Development of Fragile Mountain Areas of Asia (SUDEMAA) took place in Kathmandu, Nepal, from 13 to 16 December 1994. It was co-sponsored by ICIMOD, SDC, and FAO. The Conference was inaugurated by the Right Honourable Prime Minister of Nepal, Mr. Manmohan Adhikari. This was the first-ever conference on Asia's mountains.

"These mountain areas are among the last repositories of cultural diversity in a world that is rapidly embracing a monoculture of industrialisation and urbanisation."

- Mr. Egbert Pelinck, Director-General, ICIMOD,
Welcome Address at the Conference



Left: The Rt. Hon. Prime Minister of Nepal, Mr. Manmohan Adhikari, lighting the auspicious lamp to open the Conference
Top: Participants of the SUDEMAA Conference

"Organisations like ICIMOD that are focussed on the sustainable development of mountain areas need much stronger support than in the past."

– Mr. Manmohan Adhikari, Rt. Honourable Prime Minister of Nepal,
Address at the Conference

This conference brought together 60 high-level policy-makers and other stakeholders from across the region.

Objectives

- To draw the attention of development planners, natural resource managers, and the international donor community to the increasing problems of mountain areas in Asia
- To facilitate translation of the concerns and issues expressed in Chapter 13 (the part of Agenda 21 focusing on mountain areas) into a realistic programme for action

Outcome

Adoption of the **SU**ustainable **DE**velopment of **Fragile Mountain Areas** of Asia Declaration, known as the '**SUDEMAA Call to Action.**' This document called upon countries of the region to place development of their mountain areas higher on their policy agendas.

"It is essential that village communities are supported to undertake activities for protection, conservation, and improved management of these natural resources with strong national policies on both the demand and supply side. Change in mountain areas is inevitable. However, consideration must be given to the type of change most appropriate for different mountain areas."

– Dr. Mahesh Banskota, Deputy Director-General, ICIMOD,
discussing 'Sustainable Development of Mountain Areas: Restoring the Environment and Combating Poverty' at the conference



Participants at the SUDEMAA Conference

The Regional Collaborative Programme for the Sustainable Development of the Hindu Kush-Himalayas (RCP) Phase I was launched on 1 January 1995. RCP-I was a useful, practical framework for facilitating regional cooperation in the HKH.

RCP-I was reorganised into the following.

3 thematic divisions

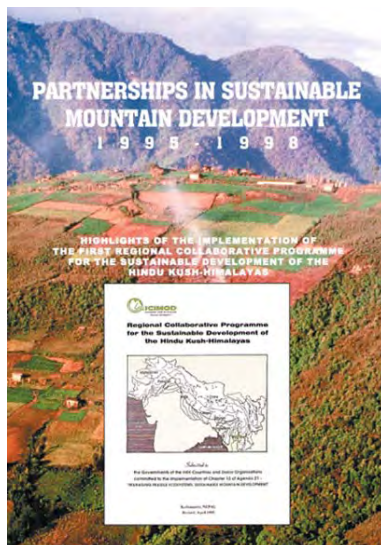
- Mountain Farming Systems
- Mountain Natural Resources
- Mountain Enterprises and Infrastructure

3 services

- Mountain Environment and Natural Resources' Information Systems
- Documentation, Information, and Training Service
- Administration, Finance and Logistics Service

Goals

- To promote the well-being of mountain people by overcoming poverty, inequality, and marginality



- To improve the conditions of mountain natural resources and environments
- To improve the capabilities of institutions and organisations to promote sustainable mountain development

Objectives/Outputs

Twenty-five specific objectives and outputs were identified with 95 activities for implementation by the three thematic divisions and services in the member countries of ICIMOD.

RCP-I was successfully completed on 31 December 1998. Highlights of the programme have been published in 'Partnerships in Sustainable Development'.

The Second Quinquennial Review (QQR) of ICIMOD was carried out from 13 February to 14 March 1995.

Review Panel Members

Dr. John Mellor (Chairman)
Dr. Kamla Chowdhury (Member)
Dr. Rainer Zachmann (Member)

Recommendations

Several valuable recommendations for improving ICIMOD's operations were made, in particular recommendations related to the research component of the Centre's overall mandate.

"If ICIMOD did not exist, it would have to be created."

- Second Quinquennial Review Report

The Hindu Kush-Himalayan Forum for Forest Conservation and Management (HIFCOM) was

established in June 1995. This was the outcome of the First Regional Foresters' Forum in the HKH, Chail, Himachal Pradesh, India, 14-17 June 1995.



Left: Pandit Sant Ram, Minister for Forests, Govt. of HP, India, inaugurating the First Regional Foresters' Forum

Top: Participants at HIFCOM

The First Regional Workshop on Landslide Hazard Management and Control in the Hindu Kush-Himalayas was held in Kathmandu, Nepal, from 12 to 14 July 1995. It

discussed the problems and issues related to landslide hazard management and control in the HKH Region.

Outcome

The workshop endorsed a draft of the Regional Collaborative Training Programme on Landslide Hazard Management and Control.



The Director-General and staff of ICIMOD at the opening of the Landslide/Hazard Workshop

The Asia Pacific Mountain Network (APMN) was established at ICIMOD in November 1995 as a follow-up activity from SUDEMAA. It is today primarily an electronic network as well as a regional node of the Mountain Forum (now hosted by ICIMOD). It receives financial support from SDC.

APMN promotes collaboration among the mountain countries of Asia/Pacific by sharing information on issues related to sustainable mountain development.

ICIMOD enters into the age of Information Technology

in 1996. The Centre set up its first Internet Network Infrastructure – a Local Area Network (LAN) in January and was fully functional by mid-1996. All staff had full internet access.



Computer Lab

Purpose of having a LAN

To share information resources with and deliver them to each individual desktop

Mr. Sunder Lal Bahuguna,

the popular environmental activist from Uttarakhand, India, visited ICIMOD on 7 March 1996 at the invitation of the Centre.



Mr. Sunder Lal Bahuguna with
Mr. Mahesh Banskota

"Up to the early 20th century, the hill farmers were very prosperous, exporting 30 commodities while importing only 3, but the situation is the reverse now. The hill people have become poor and most men have migrated to the plains in search of better prospects, leaving the women to eke out a living in the harsh environment. Humanitarian scientists, social activists and compassionate artists and journalists should work together. Greed and fear have to be dispensed with and 'gyan' (knowledge), 'karma' (action) and 'bhaku' (devotion/prayer) have to be combined/ balanced in order to achieve any ideal."

- Mr. Sunder Lal Bahuguna

The First Mercure Earth Station in South Asia was established by ICIMOD at the Ministry of Population and Environment (MoPE) of HMG/Nepal in 1997. The Mercure system is a satellite-based global communications' project that couples with UNEPnet, the international, environmental electronic network developed by UNEP. It provides access to timely and comprehensive information on the environment and sustainable development through modern and cost-effective data communications within UNEPnet and through links to the global Internet.



Mercure earth station

In Nepal, this installation was the first of its kind and was authorised by the telecommunications' authority.

A Pictorial Exhibition on the Biodiversity of the Indian Himalayas and the Trans-Himalayas was organised by ICIMOD together with the British Council in New Delhi, India, from 31 March to 2 April 1997. The exhibition was inaugurated by Dr. Prakash Chandra Lohani, Foreign Minister of HMG/Nepal.



"The establishment of the International Centre for Integrated Mountain Development (ICIMOD) in Kathmandu in 1983, and its very successful operation ever since as the first international organisation to address problems of mountain development, is testimony to the growing realisation that mountains are more than just silent, elevated wonders on earth. Indeed, they are money in the bank for now and all times."

– Dr. Prakash Chandra Lohani, Honourable Minister for Foreign Affairs, HMG/Nepal, at the closing ceremony of the 'Dissemination Seminar on Harnessing the Eastern Himalayan Waters', 1997

Partnerships & Networking (1998-2002)

Widening Horizons: Regional Workshop on the Role of Self-Governing Institutions in Community Forestry Management in the Hindu Kush-Himalayas

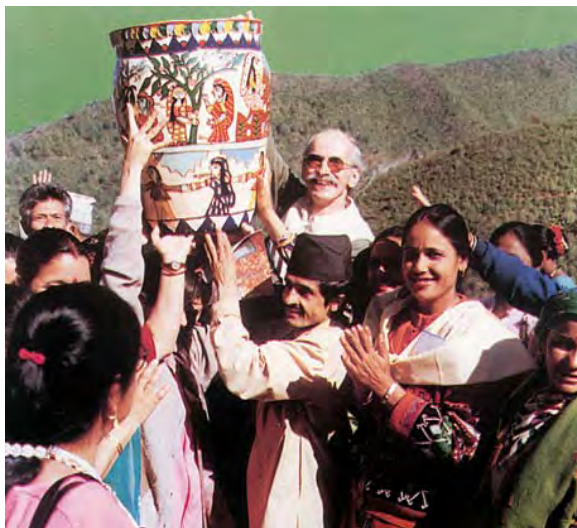
was held in Kathmandu, Nepal, from 16 to 21 March 1998 in collaboration with the Association of District Development Committees of Nepal and the Federation of Community Forestry Users of Nepal. It was supported by UNDP's Regional Governance Facility based in Islamabad, Pakistan, and the Ford Foundation's ongoing support to the PNRM Programme.

Objective

To bring people together from across the Hindu Kush-Himalayan Region and give them a forum for discussion about governance and rights over the use of local natural resources in a climate in which the natural environment is undergoing serious degradation.

Earth Ceremony

To symbolise unity in diversity, the theme of the meeting, an Earth Ceremony was held. All participants poured the earth that they had brought from their own areas into a large clay pot that had been brightly painted by women artists from Janakpur.

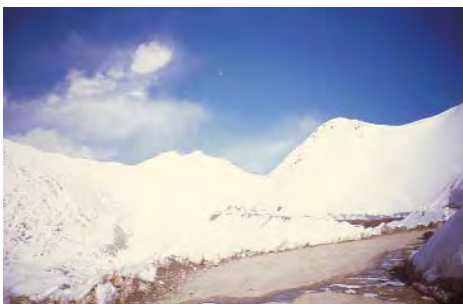


Participants proudly hoist the clay pot containing HKH soils. Afterwards a tree planting ceremony took place at the ICIMOD Godavari site

An international Seminar on 'Mountains of Central Asia: Problems, Experiences and Perspectives'

was held in Bishkek, Kyrgystan, from 25 to 27 May 1998 by APMN/ICIMOD and the International University of Kyrgystan, and Kyrgyzstan National Academy of Sciences.

The following resolutions related to International Year of the Mountains (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.

The International Conference on Sustainable Development of the Hindu Kush-Himalayan Region: Mountains 2000 and Beyond

was organised in Wildbad Kreuth, Germany, from 22 to 24 June 1998. The conference was hosted by the German Foundation for Development and funded by the Governments of Germany and Switzerland on the occasion of 15 years of continuing support to ICIMOD.

The meeting provided a unique opportunity to reflect on the larger issues of sustainable mountain development, in general, and on ICIMOD's role in particular.





"Experience from German assistance programmes has shown us that, above all, in these ecologically valuable and also particularly sensitive mountainous regions, it is even more important than elsewhere that integrated development programmes be promoted rather than individual, isolated measures."

– His Excellency, Mr. Carl-Dieter Spranger, Federal Minister for Economic Cooperation & Development of Germany, in his inaugural address to the International Conference on Sustainable Development of the HKH Region: Mountains 2000 and Beyond, held in Wildbad Kreuth, Germany, June 1998

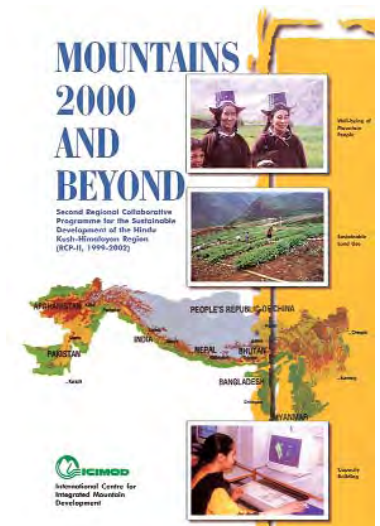
Mountains 2000 and Beyond: The Second Regional Collaborative Programme for Sustainable Development of the Hindu Kush-Himalayas (RCP-II) commenced on 1 January 1999.

Objective

To mainstream mountain development in the Hindu Kush-Himalayan Region

Focus of RCP-II - 5 Programme Areas

- Sustainable Livelihoods for Mountain Households
- Gender Balanced Mountain Development
- Sustainable Management of the Mountain Commons
- Capacity Building of Mountain Development Organisations
- Information and Outreach



The Regional Rangeland Programme (RRP), funded by the Federal Government of Austria, began in 1999.

Aims

- To reduce poverty among mountain people dependent on rangelands
- To improve the productivity of the rangeland ecosystems of the Hindu Kush-Himalaya-Tibetan Plateau region



The First ICIMOD Book Sale took place from 3 to 5 March 1999. The sale was a huge success, earning revenue of US\$ 2,457.62.

A Gender Resource Centre was established at ICIMOD

on 8 March 1999 (International Women's Day). It was

inaugurated by the Director-General.

Objective of the Gender Resource Centre

- To provide a venue for resource and information exchange

Activities

- book discussions
- presentations
- exercise sessions
- meditation sessions



"As an international organisation for integrated mountain development, one of the main focuses of ICIMOD's activities shall be to champion the cause of mountain women. In order to further this cause, ICIMOD ensures a gender fair, egalitarian workplace: an organisation tolerant of differences, embracing change and diversity. ICIMOD will strive to ensure that human values in all their diversity are channelled into effective decision-making through participation and teamwork. ICIMOD will strive to be a learning organisation where the questioning of structured values and norms is encouraged. In line with this vision, a gender sensitive leadership, capable of challenging entrenched development orthodoxies, will promote gender-balanced development through horizontal integration across programmes. This approach will ensure that ICIMOD maintains itself as a centre of excellence at the cutting edge of change, where life within as well as outside the workplace is creative, fulfilling, and valued."

- The Gender Working Group of ICIMOD, Annual Report 2000

The International Symposium on Livestock in Mountain/Highland Production Systems: Research and Development Challenges into the Next Millennium

was held in Pokhara, Nepal, from 7 to 10 December 1999. It was organised jointly by the Food and Agriculture Organization, International Livestock Research Institute (ILRI), International Potato Centre (CIP), and ICIMOD.

Objectives

- To plan livestock research and development strategies for the next millennium
- To address the critical issues facing research and the development of livestock in mixed farming systems in the mountains and highlands of Africa, the Andes and the Hindu Kush-Himalayas

Outcome

The 'Pokhara Call for Action'



Participants at the Livestock Symposium

The ICIMOD Demonstration and Training Centre

were Inaugurated by the Crown Prince of Nepal, HRH Dipendra Bir Bikram Shah Dev, at Godavari, Lalitpur, on 21 December 1999. The site covers 30 hectares of land in Godavari, 15 km. southeast of Kathmandu city. The land had been generously gifted to ICIMOD by His Majesty's Government of Nepal on 5 November 1992. The training centre was built through a grant from the Asian Development Bank.



The Crown Prince of Nepal, HRH Dipendra Bir Bikram Shah Dev, inaugurating the Training Centre

Objective of the Test and Demonstration Site

To test and demonstrate various technologies for and approaches to sustainable mountain development which are of interest to the people and partner institutions of ICIMOD in the Hindu Kush-Himalayan region.

Objective of the Training Centre

To provide facilities to carry out training programmes that are of direct relevance to the research and demonstration being carried out at the Godavari Trial and Demonstration Site for different target groups.



Training Centre

A Series of 10 Posters on 'Sustainable Livelihoods in Mountain Environments' was

prepared in 1999. Through a collage of pictures and text, these portrayed the heterogeneity and strengths of mountain people.

Objective

To highlight major issues in mountain development with a particular focus on the Hindu Kush-Himalayas

Three Posters Calling for Action for the International Year of the Mountains - 2002 were produced towards the end of the year.



Dr. J. Gabriel Campbell became Director-General of ICIMOD in March

2000. Dr. Campbell, a national of the U.S.A., has a Ph.D. in Social Anthropology from Columbia University, U.S.A. During the ten years before joining ICIMOD, Dr. Campbell was responsible for developing, managing, and raising funds for the Himalayan programme of The Mountain Institute, an international NGO based in the Appalachian mountains in the U.S.A. Prior to that, he worked for many years in Nepal and India in community forestry and related fields for FAO, the World Bank, and the USAID.



Dr. Binayak P. Bhadra was appointed Director of Programmes of ICIMOD on 3 April 2000. Dr. Bhadra, a

national of Nepal, has a Ph.D. in Resource Economics from Oregon State University, U.S.A., and is also an electrical engineer. Prior to joining ICIMOD, he was a Professor of Economics at the Centre for Economic Development and Administration of Tribhuvan University. He has also been a Member of the National Planning Commission, HMG/Nepal, and consultant to many multilateral and bilateral agencies.



"ICIMOD, as a regional knowledge centre, cannot stand by and watch events pass by the mountain communities. It will take the initiatives needed to bring mountain people together so that regional collaborations and partnerships can be fostered to enhance the contributions of the mountain areas, and will ensure that mountain communities are well accounted for in the decisions made by downstream and other areas of the world. Mountains can show the world that it cares and vice versa."

– Dr. Binayak Bhadra, Director of Programmes
ICIMOD, Annual Report 2000

The Third Quinquennial Review (QQR) was carried out from 1 June to 4 July 2001.

Members of the Review Team

1. Dr. Mohan Man Sainju (Team Leader)
2. Dr. Uwe Kievelitz (Report Coordinator)
3. Professor Li Wenhua (Member)
4. Mr. Ivar Jorgensen (Member)
5. Ms. Bharti Gupta Ramola (Member)

Focus of Review

- Assessment of the past 5 years of RCP I and II, including mission and role, institutional outreach, managerial performance and impact
- Charting out the future course of the organisation, by focusing on the demand side, potential programmatic thrust as well as organisational and financial implications

Finding

ICIMOD had "infused a mountain perspective into the work of many of its more than 200 partner organisations in the region by capacity building for 6,000 participants in 280 training workshops and programmes."

Recommendations

- Direct attention to programme monitoring and evaluation to ensure an impact in its two key areas, poverty alleviation in mountain areas and conservation of natural resources
- Increased integration of programmes
- Establishment of a trust fund
- Strategic focus of thematic and regional priorities
- A sound programme monitoring and evaluation (PME) system
- Strategic networking and partnerships

"Now, at the brink of the 21st century with all its challenges and prospects, it is just the best time to rise to the challenges and the occasion: it is the time to put ICIMOD on a sustainable footing and to unfold the true potential which is enshrined in its mission and role."

– Third Quinquennial Review

- An 'innovative, electronically-based, knowledge-sharing network that can push the region into the 21st century'
- Align internal structures to priorities through an organisational development process

The Global Mountain Women's Partnership (GMWP)

was drawn up by ICIMOD and collaborating partners to translate views and concerns expressed during Celebrating Mountain Women (CMW) into action beyond 2002.

Objectives

- to promote the interests of mountain women
- to improve the lives of mountain women
- to make their future more secure

Activities

- Advocate policies and laws that provide social, political, and economic rights to women based on equality/equity
- Inform mountain women about their human rights
- Promote equitable representation of mountain women in decision-making bodies
- Ensure that health programmes focus on reproductive and sexual health
- Encourage research and dissemination of results of mountain women's indigenous knowledge and increase access to information about business, markets, technology, and other livelihood opportunities
- Promote physical and social infrastructure sensitive to women's needs



The construction of two gravity ropeways (with spans of 300- 1200m) in Mustang District of Nepal was supported by ICIMOD in 2002.

Gravity ropeways operate entirely through the force of gravity to move goods between two points on a linear path. A load is allowed to slide down at a certain angle and the force helps to pull a slightly lighter load up from the other end.

It is a cheap method of reducing transportation time and the drudgery of human transport, is easy to operate, and can be managed and maintained by the mountain communities themselves. With no fuel cost involved, it easily qualifies as a mechanism for clean development and is particularly appropriate for replication in earthquake- and landslide-prone areas due to its minimal ground-level infrastructure.



"It is amazing, it used to take two hours to transport 70 kg. of apples from the orchard to the village market but after the installation of the gravity ropeway it just takes one minute and 20 seconds. The gravity ropeway has made life easier."

– Chandra Man Lalchan
Chairperson of Marpha Gravity
Ropeway Management Committee,
Mustang

Bhatte Danda ropeway, Southern
Lalitpur, Nepal
Photo: Ujol Serchan

Hamro Sundar Pahadi Gaun (Our Beautiful Mountain Village),

an International Year of Mountains (IYM) Pavilion/Village, was set up by ICIMOD to celebrate IYM 2002 at the 6th Nepal Educational and Environmental Book Fair organised by Global Expositions and Management Services Pvt. Ltd. in Kathmandu, Nepal, from 3 to 11 May 2002. Helvetas, IUCN and WWF provided financial support. To give it a typical Nepali village look, local materials were used.





Objectives of the Pavilion

- To promote the conservation and sustainable development of mountain regions
- To impart information and create awareness among the public on the importance of mountains for the sustenance of life for both mountain and lowland communities

Participating Organisations

1. Department of Soil Conservation and Watershed Management (DSCWM)
2. Helvetas
3. Himalayan Grassroots' Women's Natural Resource Management Association (HIMAWANTI)
4. King Mahendra Trust for Nature Conservation (KMTNC)
5. Mountain Forum Secretariat
6. Nepal Forum of Environmental Journalists (NEFEJ)
7. Nepal Mountaineering Association (NMA)
8. SNV
9. Spiny Babbler
10. The Mountain Institute (TMI)
11. World Conservation Union (IUCN)
12. World Wildlife Fund (WWF)

The Mountain Village was later given to the Mountain Museum in Pokhara, Nepal.

The Asia High Summit 2002 was held in Kathmandu, Nepal, from 6 to 10 May 2002. It was organised by ICIMOD in partnership with the Italian Committee for the International Year of Mountains 2002 and the United Nations Food and Agriculture Organization. The Asia High Summit 2002 was part of the High Summit 2002 International Conference around the World's Highest Mountains.

Principal Goals

- To highlight the challenges of poverty and degradation of resources that mountain people face every day
- To find ways in which their lives can be improved

Outcome

- The Asia High Summit 2002 Recommendations consisting of support to scientific guidelines on the future development of mountain areas in Asia

Exhibition-cum-Sale, 6-8 May 2002

An exhibition-cum-sale was organised at the Asia High Summit.



Delegates at the Asia High Summit



HRH Prince Ulukalala Labaka Ata, Prime Minister of Tonga, visited ICIMOD on May 16, 2002.

Dr. Campbell, Director-General of ICIMOD, presented an overview of ICIMOD and Dr. Binayak Bhadra, Director of Programmes, presented the programmes and activities. Dr. Eklabya Sharma, Head of the Mountain Farming Systems' Division, talked about the basic concepts of the Godavari Site. Dr. Farooq Ahmad and Mr. Suraj Thapa led the delegates on a field visit, explaining the different activities being carried out in natural resources, conservation, and development. Management of degraded natural forest and shrubland, indigenous medicinal and aromatic plants, warm-temperate orchids, conservation farming, water harvesting, renewable energy, meteorological data monitoring, soil erosion monitoring, horticulture, bee-keeping, Himalayan *Apis cerana*, goat husbandry, angora rabbits, and plant nursery management were keenly observed by the delegates.



HRH Prince Ulukalala Labaka Ata visits Godavari

His Royal Highness the Crown Prince, Paras Bir Bikram Shah Dev, visited the Godavari test and demonstration site

on 18 June, 2002. HRH Crown Prince Paras is Chairman of the King Mahendra Trust for Nature Conservation (KMTNC). On the occasion, His Royal Highness the Crown Prince viewed with keen interest water, soil and vegetation management; livestock; high value cash crops/ horticulture, energy; and other work being carried out. HRH the Crown Prince was briefed by the Director-General, Dr. J. Gabriel Campbell and Director of Programmes, Dr. Binayak Bhadra, on ICIMOD activities. HRH the Crown Prince was also briefed by Greta Rana, Nyima Tashi, Suraj B. Thapa, P. B. Shah, Gopal Nakarmi, and Uma Partap on various activities.



HRH Crown Prince Paras Bir Bikram Shah Dev visits Godavari

A Mountain Partnership was established in September 2002 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 Johannesburg.



Aim

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

Celebrating Mountain Women Conference (CMW)

the first-ever international gathering devoted to the issues and concerns of mountain women, was hosted by ICIMOD along with the Royal Government of Bhutan in Paro and Thimphu, Bhutan, from 1 to 4 October 2002.

Objectives

- To draw attention to the pertaining realities of mountain women's lives
- To provide a platform for the unheard voices of mountain women from around the world

Outputs and Outcomes

- The Thimphu Declaration, later presented at the Bishkek Global Mountain Summit in Kyrgyzstan
- The Global Mountain Women's Partnership (GMWP), which ICIMOD will take forward to raise funds to introduce different programmes for mountain women
- CMW, as the first international gathering of mountain women, provided a chance to put mountain women and their issues on the international agenda.

Products

Several books and a CD

At the Opening of the CMW Global Gathering (Anupam Bhatia)

Left to Right (back): Dr. Ulrich Lutz; Dr. Gabriel Campbell; and Dr. Brigitte Dekrout

Left to Right (front): Chandni Joshi; Irene Santiago; Lyonpo Kinzang Dorji; Dasho Nado Rinchen; Neten Zangmo; and Dr. Ganesh Thapa



CMW costume parade



Participants at the Celebrating Mountain Women Global Meeting (Anupam Bhatia)



The International Workshop on Mountain Development: Future Options for Sustainable Development in the Mountain Regions of the Himalayas

was held in Palampur, Himachal Pradesh, India from 1 to 4 October 2002. This workshop was held by ICIMOD together with the Indo-German Changar Eco-Development Project, a joint initiative of the Himachal Pradesh Eco-Development Society and German Agency for Technical Cooperation (GTZ) and SIDA.



Dr. Eklabya Sharma, Natural Resources Management Programme Manager, as a panellist in one of the sessions of the conference

two government delegations: from Nepal, headed by HRH Crown Prince Paras Bir Bikram Shah Dev, and Bhutan, headed by Prime Minister Lyonpo Dr. Kinzang Dorji.

ICIMOD presented the Thimphu Declaration and launched the Global Mountain Women's Partnership (GMWP) at the BGMS where it received endorsement from UNIFEM, IFAD, and other partners from around the world.

Key Outcome

Palampur Declaration

The First Global Mountain Summit

was held in Bishkek, Kyrgyzstan, from 29 October to 1 November 2002. More than 600 delegates to the Bishkek Global Mountain Summit (BGMS), representing governments, international organisations, NGOs and individuals from 45 countries, participated in the Bishkek Summit. The Hindu Kush-Himalayan Region was among the largest represented with



ICIMOD's round table on pastoral livelihoods



Nepali delegates at Mountain Village at Bishkek

An ICIMOD Exhibition

was set up in the State Historical Museum Building, venue for the BGMS additional events 'Mountain Marketplace' and the 'Science, Techniques and Technology of Mountainous Countries.' More than 3,000 copies of ICIMOD

publications, posters, brochures, pamphlets, video films, CD ROMs, as well as IYM products were taken to this exhibition. The ICIMOD stall was successful in attracting a lot of visitors. The ICIMOD stall received an award for its presentation.



To disseminate information widely in Bishkek, ICIMOD gave books, posters, and other materials to six libraries and organisations in Bishkek.

- The State Patent and Technical Library, Academy of Sciences of the Kyrgyz Republic
- National Centre for Development of Mountain Regions of Kyrgyzstan
- Aga Khan Development Network (AKDN)
- University of Central Asia
- State Historical Museum
- The International University of Kyrgyzstan (IKU)/ CAMIN

The 'Booking the Mountains' Book Fair and Exhibition

was organised by ICIMOD in Kathmandu, Nepal, from 10 to 12 December 2002 as part of the International Year of the Mountains 2002. The theme 'Booking the Mountains' was especially chosen to bring attention to mountain information existing at present by bringing it on to a common platform.

Objectives

- To impart education
- To share and exchange information
- To raise awareness



Booking the Mountains

The exhibition hosted participants from 15 NGOs, INGOs, and government organisations. Some of these are listed below.

- Centre for Rural Technology (CRT)
- Nepal Agricultural Research Council (NARC)
- Helvetas Nepal
- Participatory District Development Programme (PDDP)
- SAWTEE
- Spiny Babbler
- WWF Nepal Programme

On display and sale were the following products and materials.

- Publications
- Agricultural products
- Posters
- Greeting cards
- T-shirts
- Models

Achievement

The book fair was successful in attracting people from various professions and students from different disciplines.



Booking the mountains



Booking the mountains

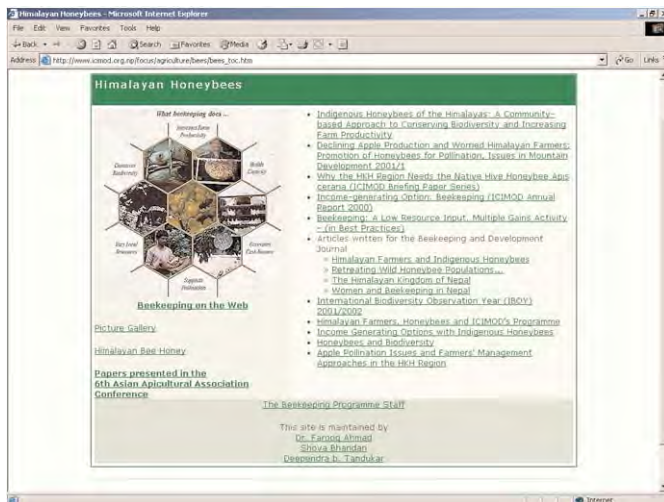


Booking the mountains



Booking the mountains

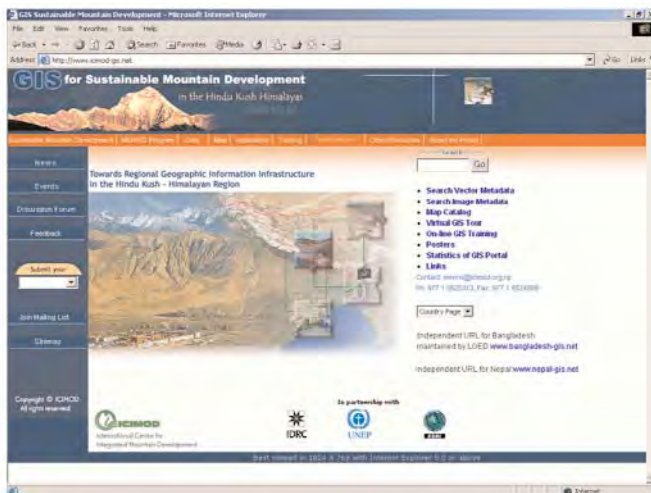
Himalayan Honeybees – a web page for the beekeeping project was launched in 2002. The web page, http://www.icimod.org.np/focus/agriculture/bees/bees_toc.htm, has a wide range of information on Himalayan Honeybees, details on the project, images and articles, and links to other related sites.



The HKH-FRIEND website was launched in 2002 by the HKH-FRIEND project, a joint initiative of ICIMOD, UNESCO/IHP, and regional countries to promote hydrological research activities for better understanding of hydrological processes. The website, www.hkh-friend.net, was launched to leverage data through the internet and as an effective way to communicate with all network members.



A Mountain GIS Portal was developed in 2002 to share GIS resources over the internet. The portal, <http://www.icimod-gis.net>, provides a platform for sharing geographic data and knowledge using a common framework.



Work commenced on the ICIMOD Headquarters Building in Khumaltar, Nepal, in December 2002. The Board of Governors laid the foundation stone for the building.



Bhumi Puja (Traditional Nepalese Consecration Ceremony)

Mr. Lok Man Singh Karki, Secretary, Ministry of Population and Environment, Nepal, and Mr. Milan Raj Tuladhar, Head of Administration, ICIMOD, blessing the Foundation Stone



Dr. Brigitte Dekrout, Chair, Independent Support Group (ISG), Mr. Paul Egger (ISG), and Dr. Thomas Hofer (ISG), pouring water collected from all of the ICIMOD member countries on the newly-planted trees





Dr. Anne Whyte (Independent Board Member), Dr. Thomas Hofer (ISG), members of ICIMOD staff and local children admiring a model of the new building

Partnerships in Mountain Development: Securing the Future of the Hindu Kush-Himalayas

"Fifty years after the first ascent of Everest, by a partnership that consisted of a man from the Himalayas and a man from outside the sub-continent of South Asia, I am convinced that the much more difficult summits of prosperity and security for mountain peoples are also achievable with the joint efforts of our extraordinary mountain women and men."

– Dr. J. Gabriel Campbell
Director-General, ICIMOD
Newsletter 43, Summer 2003

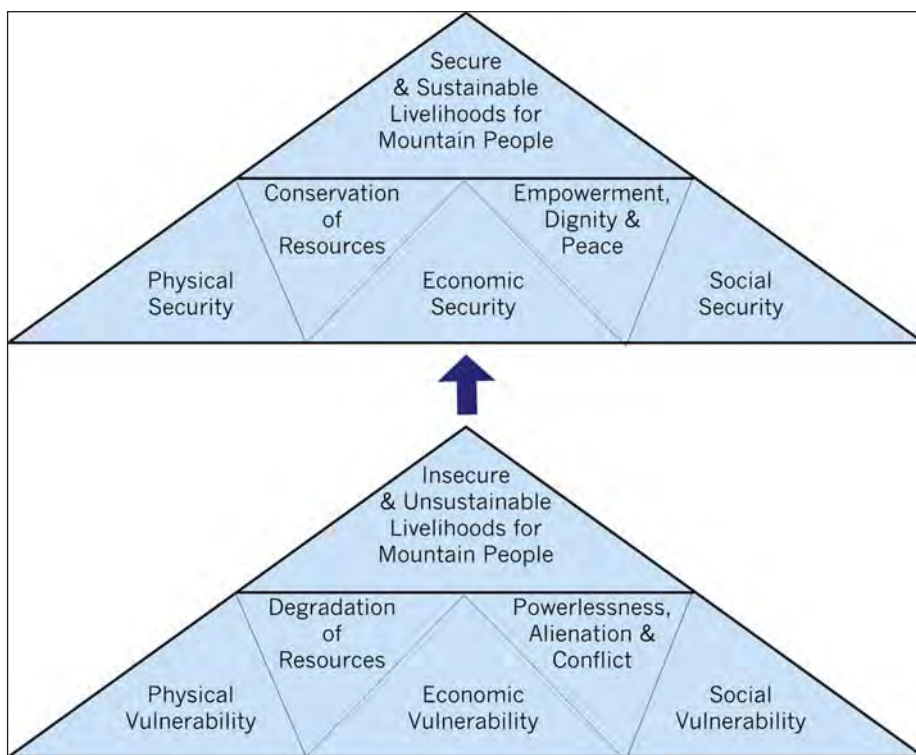
Partnerships in Mountain Development: Securing the Future of the Hindu Kush-Himalayas, a new strategy for the next five years and beyond developed through an analysis of poverty and vulnerability in the Hindu Kush-Himalayan region, was introduced by ICIMOD in 2003.

Overall Goal

To secure sustainable livelihoods for mountain peoples

Outcomes

Directly relate to the recommendations emerging from the International Year of Mountains, 2002, culminating in the Bishkek Global Mountain Summit, and they also relate to the Millennium Development Goals to which the countries of the HKH are signatories, reaffirmed by the World Summit on Sustainable Development, particularly the goals of halving poverty by 2015, promoting gender equity, ensuring environmental sustainability, and promoting development partnerships



vulnerabilities triangle 1

People and Resource Dynamics' Project (PARDYP)

The People and Resources' Dynamics Project (PARDYP) works with communities at the watershed level to tackle degradation of natural resources and improve livelihoods in the HKH region. Research activities are participatory and farmer-based, and concentrate on developing outputs that have potential for improving food and water security, and the incomes of rural households.

The project began in 1996, and the third phase (PARDYP 3) commenced at the beginning of 2003 with co-financing from the Swiss Agency for Development and Cooperation and International Development Research Centre, Canada. This phase will focus on research for development (applied research and participatory action research by farmers) that makes use of knowledge generated in previous phases and produces sustainable management options for use at household, community, and policy levels.

Transfer of Appropriate Technologies

In 2003, for the first time, in collaboration with Educate the Children, ICIMOD started working with 93 village households and six forest user groups in the Phulchowki watershed of Nepal.

Objective

To build their capacities for transferring appropriate technologies

Achievements

- Four Tamang women's groups have prioritised activities on Sloping Agricultural Land Technology (SALT), water harvesting, bio-briquetting, vegetable cultivation, vegetable seed multiplication, tree fodder, and forage for their village
- A 3D model of the Phulchowki watershed, developed during a training course, will be used by local communities to plan and monitor their activities
- A bog garden was created in a swampy area for both conservation and educational purposes at ICIMOD's Test and Demonstration site at Godavari in the Phulchowki watershed

Api Net Nepal was reorganised and launched in 2003 as part of ICIMOD's work to build and facilitate networks of beekeepers.

This is a network of over 100 Nepalese beekeepers, beekeeping organisations, and scientists that focuses on sharing experiences regarding the ecological services of pollinators and pollination.

Api Net members held a meeting in Kathmandu and are planning to publish a Nepali language bulletin for beekeepers.



Meeting of Api Net Nepal

A programme on mainstreaming equity and rights

was introduced by ICIMOD with co-financing support from the Swiss Agency for Development and Cooperation (SDC) and the Interchurch Organisation for Development Cooperation, the Netherlands.

Aims

- To sensitise policy-makers to equity and poverty issues in the management of common property resources
- To empower communities regarding current policies for the management of common property resources
- To enhance the capacity of civil society organisations for policy advocacy on equitable policies
- To explore the possibility of a network for policy advocacy on equity and poverty issues in the management of common property resources

The International Conference on Conservation of Himalayan Biodiversity for Human Welfare

was held in Kathmandu, Nepal, from 26 to 28 February 2003. It was supported by ICIMOD, the Asian Network for Sustainable Agricultural Bio-resources (ANSAB), SNV-Nepal, Himal Asia Cultural Heritage and Educational Foundation, Kathmandu, Third World Academy of Sciences (TWAS), Italy, Lord Buddha Education Foundation, Nepal, and other national and international organisations. The event was actively supported and promoted by the Nepal Tourism Board (NTB).

Key Outcome

Kathmandu Declaration 2003



The Director-General of ICIMOD, Dr. Gabriel Campbell, addressing the conference

Photo: Himalayan Resources Institute

The Project, 'Protection of Fragile Mountain Environment through Human Resource Development and Participation of the Community'

was completed in 2003 in Chitral, Pakistan, by APMN with its partner, the Aga Khan Rural Support Programme.

Achievements

- Successful in involving women from Chitral in training and in becoming trainers, producers, and providers of material on best agricultural practices: namely, in beekeeping, sloping agricultural land technology (SALT), and plastic film technology (PFT).
- Empowered women in an extremely conservative area of Pakistan and brought them out of their traditional roles



Training of Trainers in program, Chitral, Pakistan

ICIMOD celebrated its 20th Anniversary on 5 December 2003. A special programme was organised at the Shanker Hotel, Kathmandu, Nepal. It also coincided with the conclusion of the 33rd Board Meeting held in Pokhara.

Invitees

- Persons who had contributed towards the development and growth of the Centre
- ICIMOD Board Members
- Support Group Members
- Ambassadors
- Officials of His Majesty's Government of Nepal
- Representatives of INGOs and NGOs based in Kathmandu
- Other well-wishers of the Centre



Board members cutting the cake



Invitees for the celebration

International Mountain Day was celebrated for the first time on 11 December 2003 in Kathmandu, Nepal. ICIMOD participated in an 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.

Theme

'Mountains: Source of Freshwater'



Overall Objective of International Mountain Day

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

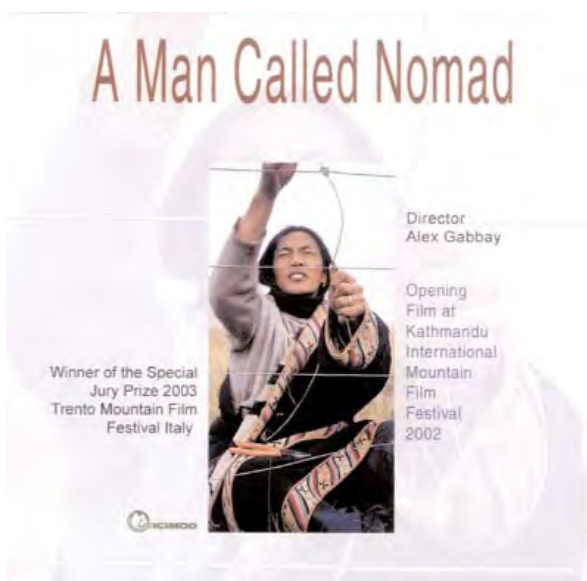
Outcomes/Outputs

- T-shirts, greeting cards
- Mountains Forever
- Prem Panda as the mascot for IYM, a website was created
- Four Films on Natural Resource Management

Two of ICIMOD's films won international awards and recognition. They are as follows.

A Man Called Nomad, a film by Alex Gabbay, set in Gansu Province, China, the story of a man trying to adjust to the changing realities of the modern world and how he can retain within his family a sense of place as fences begin to cross the once-open plain. For generations, the plains of the Tibetan Plateau provided ample grazing for his people's yak herds. Looking into the life of 30-year-old Choegatar, father and provider, we are invited

into a world where the temptations of the town intrude. Synthetic fibre is replacing wool, and a man needs capital. This is an honest portrayal of life changing, all against the backdrop of unrivalled personal and natural beauty. <http://www.icimod.org/publications/catalogue/cat2001/2001A/hpage-videos.htm#A%20man>



Awards

- Special Jury Prize, 51st International Film Festival of Mountains and Explorations, 'Citta di Trento', (51st Trento Film Festival), 26-30 April, 2003 (Italy)
- 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)
- 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)
- 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

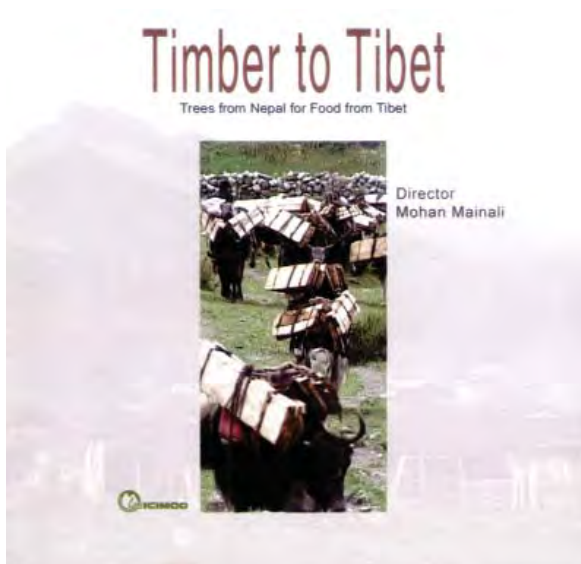
Festival (UK)

- 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

Timber to Tibet, a film by Mohan Mainali set in northern Gorkha District, Nepal, the story of the people of Bhotkhola in northern Nepal who believe that Bhotkhola was tucked away among the mountains by the gods so that it would not be disturbed. That is why, they say, it should be preserved and protected from human defilement. But the people have turned to destroying trees that take 150 years to mature. Caravans carrying timber to Tibet and bringing back foodstuffs to Nepal are a common sight all over Bhotkhola. This film deals with the contrast between the pro-conservationist tradition of the people and their compulsion to cut down a priceless Himalayan forest which will not regenerate once it is gone.

Recognition

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
<http://www.icimod.org/publications/catalogue/cat2001/2001A/hpage-videos.htm#A%20man>



ICIMOD's own headquarters



Websites of ICIMOD

www.icimod.org
www.southasianfloods.org
www.mtnforum.org/apmn
www.mountainwomen.net
www.prempanda.net
www.hkh-friend.net
www.icimod-gis.net
www.mtnforum.org
www.pardyp.org

Annexes

The Chandragiri Hills

– by Deepak Tamang

“This play is based on the subtle process of developing people, not things.”

We have reproduced the photographs of Mr Deepak Tamang, many taken on the day his play was performed in public for the first time at the inauguration of ICIMOD. Those of us who were involved, then and now, still think of it as ‘The ICIMOD Play.’

We are grateful to Mr Tamang for allowing us to ‘put on’ his play once more in pictures.



The author of the winning play
Mr Deepak (Steve) Tamang (1983)



Forest rangers and officials discussing that the ‘problem’ is always people



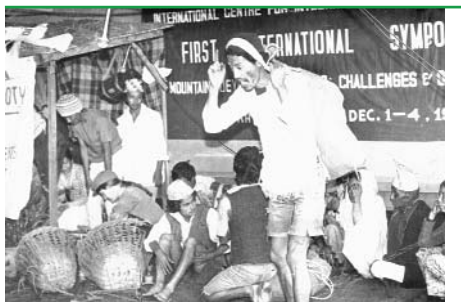
Signs of degradation in the Chandragiri Hills (1983)



Legislators and policy-makers ‘integrate’ conversation.



Wood cutters in the Chandragiri Hills (1983)



"It's just not true that we'll all starve if the forests disappear. They're just trying to frighten us".



When experts and bureaucrats disagree, where does it leave ordinary people? When they do agree, where does it leave ordinary people?



The donors response- "Let's have a symposium and call a minister."



The villagers, especially the charcoal burners, have a meeting to decide how they will act.



The press, of course, take down every word.



She can't seem to get the bureaucrat to see her point of view.

List of ICIMOD Board Members 1983-2004

1. Afghanistan

Eng. Ghulum Mostafa Jawad
Deputy Minister of Agriculture
Ministry of Agriculture and Livestock
Afghanistan

Mr. Atta Mohammed Noorzad
General President
Ministry of Agriculture
Afghanistan

2. Bangladesh

Major General Mahamudul Hassan
(Chairperson 1992)
Chittagong Hill Tracts' Development
Board
Government of Bangladesh

Kazi Golam Rahman
(Chairperson 1998)
Secretary In-charge, Special Affairs'
Division
Prime Minister's Office
Bangladesh

Mr. Md. Sakhawat Hussain
(Chairperson 1999)
Secretary
Ministry of Chittagong Hill Tracts'
Affairs
Bangladesh

Major General Abdus Salam
(Vice-Chairperson 1988-1991)
Chittagong Hill Tracts' Development
Board
Government of Bangladesh

Mr. Azm Shafiqul Islam
Joint Secretary
Ministry of Chittagong Hill Tracts'
Affairs,
Bangladesh

Mr. Mahfuzul Islam
Secretary
Ministry of Chittagong Hill Tracts
Affairs,
Bangladesh

Mr. Md. Shahjahan Majumder
Board Member Designate
Secretary-In-Charge
Ministry of Chittagong Hill Tract
Affairs
Bangladesh

Mr. Chowdhury Mohammad Mohasin
Secretary
Ministry of Chittagong Hill Tracts'
Affairs,
Bangladesh

Mr. Syed Mushtaq
Secretary
Ministry of Chittagong Hill Tracts'
Affairs,
Bangladesh

Major General M.A. Rahman
Chittagong Hill Tracts' Development
Board
Government of Bangladesh

3. Bhutan

Lyonpo Dr. Kinzang Dorji
(Chairperson 1994 and 2000)
Minister
Ministry of Agriculture
Royal Government of Bhutan
Bhutan

Dasho Sangey Thinley
(Chairperson 2000/2001)
Secretary
Ministry of Agriculture
Bhutan

Dasho Karma Letho
Ambassador of the Royal
Government of Bhutan to India and
Nepal
Bhutan

4. China

Prof. Sun Honglie
(Chairperson 1995, 2001 and 2003)
Academician
The Chinese Academy of Sciences
China

Dr. Li Wenhua
(Vice-Chairperson 1987)
FAO Regional Watershed
Management Project
China

Prof. Liu Dongsheng
Chinese Academy of Sciences
Beijing, China

Prof. Zhao Qiguo
Academician
Chinese Academy of Sciences
China

Prof. Zhao Shidong
Research Professor
Forest Ecology

Vice-Chair and Secretary General
Scientific Committee of the Chinese
Ecosystem Research Network
(CERN)
Chinese Academy of Sciences
Beijing, China

5. India

Mr. Bishwa Nath Anand
Secretary
Government of India
Ministry of Environment and Forests

Mr. K.P. Geethakrishnan
Secretary
Ministry of Environment and Forests
Government of India

Dr. Prodipto Ghosh
Secretary,
Ministry of Environment and Forests,
India

Dr. T.N. Khoshoo
Department of Environment
India

Mr. N.R. Krishnan
(Chairperson 1995 – mid 1996)
Secretary
Government of India
Ministry of Environment and Forests

Mr. T.K.A. Nair
(Chairperson 1996)
Secretary
Government of India
Ministry of Environment and Forests

Mr. K. C. Misra
(Chairperson 2003)
Secretary, Ministry of
Environment and Forests, India

Mr. Mahesh Prasad
Ministry of Environment and Forests
and Wildlife
India

Dr. A. N. Purohit
G.B. Pant Institute of Himalayan
Environment and Development
Almora, India

Mr. R. Rajamani
Secretary
Government of India
Ministry of Environment and Forests

Mr. T.N. Seshan
Secretary
Ministry of Environment and Forests
India

Prof. Jamuna Sharan Singh
Professor, Department of Botany,
Banaras Hindu University, India

6. Myanmar

U. Than Nwai
(Chairperson 1997)
Deputy Director General
Department of Forests
Myanmar

Mr. Soe Win Hlaing
(Chairperson 2004)
Director General
Forest Department, Myanmar

Lt. Col. Thane Han
Director General
Ministry of Progress of Border Areas
and National Races and
Development Affairs
Myanmar
U. Tin Hla

Director General
Forestry Department
Myanmar

U. Soe Kyi
Forestry Department
Myanmar

7. Nepal

Dr. Ratna SJB Rana
(Chairperson 1983-1986)
Royal Nepal Academy of Science
and Technology
Kathmandu
Nepal

Dr. I.P. Upadhyaya
(Chairperson 1993)
Secretary
Ministry of Education and Culture
Nepal

Dr. Govinda Raj Bhatta
Secretary
Ministry of Population and
Environment
Nepal

Prof. Dor Bahadur Bista
Tribhuvan University
Kathmandu
Nepal

Dr. Harka Gurung
New Era Consultants
Nepal

Mr. Lok Man Singh Karki
Secretary
Ministry of Population and
Environment, Nepal

Mr. Mohan Bahadur Karki
Secretary
Ministry of Population and
Environment
Nepal

Mr. Lokendra Man Pradhan
Act. Secretary
Ministry of Education and Culture
Nepal

Dr. Prachanda Pradhan
Professor of Public Administration
TU
Nepal

Mr. Madhukar SJB Rana
Chairman and Project Manager
Man Maheswar Memorial Nursing
Home Co. Ltd
Nepal

Mr. Khem Raj Regmi
Secretary
Ministry of Education and Culture
Nepal

Mr. Rabindra Kumar Shakya
Secretary
Ministry of Population and
Environment
Nepal

Mr. Barun Prasad Shrestha
Act. Secretary
Ministry of Population and
Environment
Nepal

Mr. Mukti Nath Shrestha
Secretary
Ministry of Population and
Environment
Nepal

Dr. Narshing Narayan Singh
Secretary
Ministry of Education and Culture
Nepal

8. Pakistan

Dr. Zafar Altaf
(Chairman 1997/1998)
Secretary
Ministry of Food and Agriculture
Pakistan

Mr. A.Q. Kazi
**(Vice-Chairperson Dec. 1991 – April
1992)**
Senior Scientific Advisor
Ministry of Science and Technology
Government of Pakistan
Pakistan

Mr. Salik Nazir Ahmed
Secretary
Ministry of Food, Agriculture and
Livestock
Pakistan

Dr. Shoaib Sultan Khan
Senior Advisor
UNDP, Islamabad
Pakistan

Mr. Hasan Nawab
Ministry of Science and Technology
Pakistan

Mr. Ismail Qureshi
Board Member Designate
Secretary
Ministry of Food, Agriculture
and Livestock
Pakistan

Mr. Shafqat Ezdi Shah
Secretary
Ministry of Food, Agriculture and
Livestock
Pakistan

Austria

Dr. Karin Inmann
Managing Director
Okohimal, Austria

Canada

Dr. Anne Whyte
(Vice-Chairperson 2004)
International Programme on
Human Dimensions of Global
Change (IHDP)
and President
Mestor Associates
Ontario, Canada

Germany

Dr. Hans Gsaenger
(Vice-Chairperson 1998-2003)
German Development Institutew
Germany

Dr. E.E. Clemens
German Technical Cooperation (GTZ)
Germany

Dr. Klaus J. Lampe
German Technical Cooperation (GTZ)
Germany

Prof. Winfried Von Urff
Institute fur Agrarpolitik
Technischce Univerxsitat, Munchen
Germany

Japan

Prof. Shunji Murai
Institute of Industrial Science
University of Tokyo
Japan

Norway

Dr. Tone Bleie
Research Director
Development Studies
and Human Rights
The Chr. Michelsen Institute, Norway

Switzerland

Dr. Ruth Egger
(Vice-Chairperson 2003)
Deputy Executive Director
Intercooperation, Switzerland

Mr. Remo Gautschi
(Vice-Chairperson 1992-1997)
Swiss Development Cooperation
(SDC)
Switzerland

Dr. Rudolf Hoegger
(Chairperson 1987-1991)
Directorate of Development
Cooperation and Humanitarian Aid
Federal Department of Foreign
Affairs
Switzerland

The Netherlands

Dr. Klasjan Beek
International Institute for Aerospace
Survey and Earth Sciences (ITC)
Netherlands
Mr. Jan Willem F. Cools
Agro Economist Consultant
The Netherlands

Dr. Rob Visser
Ministry of Foreign Affairs (DSI)
The Netherlands

UNESCO

Dr. G. Glaser
Division of Ecological Sciences
UNESCO
Paris

USA

Dr. Lynn Bennett
The World Bank
USA

ICIMOD STAFF ALUMNI* (1983-2004)

***In the list are staff members who have served the Centre for at least a minimum period of one year**

Bangladesh

Md. Abdul Aziz
Zafar Karim
Syed Zahir Sadeque
Iftikhar Uddin Sikder

Bhutan

Nima Ome
Lakpa Tshering
Phuntshok Tshering

China

Yao Bijun
Lin Chenfeng
Chen Guangwei
Liu Jian
Sun Jizheng
Zhang Li
Lin Qingfa
Sun Qingguo
Lu Rongsen
Zhang Rongsu
Pei Shengji
Fu Shuqin
Nyima Tashi
Li Tianchi
Wu Weitian
Huang Wenxiu
Ji Xiaoyun
Tang Ya
Liu Yanhua

Jiang Yulin
Hu Zhenou

India

Sofy Jomi Augustin
Jayanta Bandyopadhyay
S. D. Bhardwaj
Dayanti Chhetri
D.C. Das
C. P. Jayalakshmi
Beena Kala
Pradyumna K. Kotta
T. M. Vinod Kumar
Trilok Singh Papola
Tej Partap
Susan Ann Ranger
Ajay Rastogi
M. S. Rathore
Pradipto Roy
S. S. Teatolia
K. G. Tejwani
Asha Thapa
Prem Thapa
Prasad S. Thenkabail
Laiq Ram Verma
Purnima Wilson

Myanmar

Aung Sein Mya
Ma Sein Mya
Moe Myint

U Aung Kyaw Myint
Daw Tin Tin Ohn

Nepal

Saroj Acharya
Birendra Raj Adhikari
Krishna Ram Amatya
Amit Baidya
Tulsi Ram Bajagain
Deepak Bajracharya
Subarna Bajracharya
Mahesh Banskota
Saroj Basnyet
Binayak Bhadra
Binod Bhandari
Balram Bhatta
Mohan Bhujju (Late)
Hikmat Bista
Chakra Budhathoki
Suresh Raj Chalise
Manju Dangol
Birendra B. Deoja
S. Devkota
Megh Raj Dhital
Rai Saran Dhoj
A. M. Dixit
Yamuna Ghale (Upreti)
Padam Ghimire
Gumdu Gurung
Samar B. Gurung
Sharad Prasad Joshi
Ojaswi Josse
Madhab K. C.
Archana Karki
Krishna Bahadur Karki
Kumar Karki
Prem Bahadur Karki
Sameer Karki
Tika Singh Karki
Ashish Karmacharya
Ramesh Karmacharya
Binita Shah Khadka
Chitra Bahadur Khadka (Late)
Raju Khadka

Sambhu Khadka (Late)
Bishnu Prasad Khanal
Narendra Raj Khanal
Krishna Khatri (Late)
Namita Kiran
Bishnu Kuenkel
Mona Lacoul
Dawaman Lama
Pradeep Prasad Lohani
Sunil Nath Lohani
P. L. Maharjan
Mahat T. B. S.
Sadhana Malla
Anita Manandhar
Vishakha Maskey
Dasarath Moktan
Esther Moktan
Gopal Nakarmi
Arun Neupane
Prem Raj Neupane
Ram Lal Neupane (Late)
Krishna Prasad Osti
K. K. Panday
Anita Pandey
Bikash Pandey
Madhav Pandey
Sangeeta Pandey
Saroj Pandey
Kedar Nath Parajuli
Deewakar Paudel
Shyam Poday
Bandana Kayastha Pradhan
Bishwombher Man Pradhan
Jit Pradhan "Bhuktan"
Kishor Pradhan
Pramod Pradhan
Sabina Pradhan
Sudip Pradhan
Umesh Lal Pradhan
Bandana Prajapati-Merz
Jeet Bahadur Rai
Megh Ranjani Rai
Suman Rai
Beryl Rajbhandari

Nanu Rajbhandari
Reeta Rana
Yogendra Raut
Kamal Rijal
Pravakar Bickram Shah
Sally Shahi
Lalit R. Shakya
Surya Shakya
Kedar Prasad Sharma
Pitamber Sharma
Suresh Sharma
Anirudra Man Shrestha
Anju Shrestha
Arati Shrestha
Deepak M. Shrestha
Ganesh Ram Shrestha
Krishna Kumar Shrestha
Madan Lall Shrestha
Pravin Lal Shrestha
Rachana Shrestha
Raj Bahadur Shrestha (Late)
Ram Shrestha
Ram Krishna Shrestha (Late)
Reeta Shrestha (Late)
Renuka Shrestha
Sandhya Shrestha
Sudarshan Shrestha
Sugandha Shrestha
Surendra Shrestha
Tirtha Bahadur Shrestha
Madhusudan Man Singh
Veneeta Singha
Minerva Subba
Ruben Subba
Sadhana Subba
Bhakta Bahadur Subedi
Mahendra Nath Subedi
Karna Bir Sunar
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Usha Tamang
Uday Tegi
Prabha Thacker
Bhaskar Thapa

Khadga Bahadur Thapa
Mona Thapa
Rabindra Thapa
Binod Tiwari
Sunil Kumar Wagley
Ram P. Yadav

Pakistan

M. Abdullah
Anwar Ali Chaudhary
Anis A. Dani
Anwar Ahmed Junejo
Shaheena Hafeez Malik
Saleem A. Sial

OTHER COUNTRIES

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Andrew Inglis
Mayanti Wijeyaratne

Canada

Shahid Akhtar

France

Eric Bournay

The Netherlands

Hilde Heleman
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Eqbert Pelinck
Arjen Rotmans

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Lisa Rush

List of Publications 1983-2004

Publications are listed by category, authors in alphabetical order and year in that order

Occasional Paper

Aitken, J. M.; Cromwell, G.; Wishart, G. (1991) **Mini- and Micro-hydropower in Nepal**. ICIMOD Occasional Paper 16. Kathmandu: International Centre for Integrated Mountain Development (ICIMOD) (ISBN 92-9115-029-0)
Keywords: Small-scale hydroelectric energy / Hydroelectric energy / Energy resources / Nepal

Alford, D. (1992) **Hydrological Aspects of the Himalayan Region**. ICIMOD Occasional Paper 18. Kathmandu: ICIMOD (ISBN 92-9115-399-0)
Keywords: Hydrology / Himalayas / Water resources

Applegate, G. B.; Gilmour, D. A. (1987) **Operational Experiences in Forest Management Development in the Hills of Nepal**. ICIMOD Occasional Paper 06. Kathmandu: ICIMOD (ISBN 9971-84-757-4)
Keywords: Forest management / Hills / Nepal

Bajracharya, D. (1986) **Decentralised Energy Planning and Management for the Hindu Kush-Himalaya**. ICIMOD Occasional Paper 04. Kathmandu: ICIMOD (ISBN 92-9115-273-0)
Keywords: Nepal / Hindu Kush-Himalayas / China / Nepal / Pakistan

Bandyopadhyay, J. (1989) **Natural Resource Management in the Mountain Environment: Experiences from the Doon Valley, India**. ICIMOD Occasional Paper 14. Kathmandu: ICIMOD (ISBN 981-00-1552-6)
Keywords: Natural resources / Resources management / Mountain environment / India, UP, Dehradun

Banskota, M. (1989) **Hill Agriculture and the Wider Market Economy: Transformation Processes and Experiences of the Bagmati Zone in Nepal**. ICIMOD Occasional Paper 10. Kathmandu: ICIMOD (ISBN 981-00-1245-4)
Keywords: Rural-urban relations / Population density / Agricultural markets / Off-farm employment / Nepal, CDR

Basnyet, S. K (1989). **Micro-level Environmental Management: Observation on Public and Private Responses in Kakani Panchayat (Nepal).**

ICIMOD occasional paper 12. Kathmandu: ICIMOD (ISBN 981-00-1246-2)

Keywords: Environmental management / Social participation

Bruijnzeel, L. A.; Bremmer, C. N. (1989) **Highland-Lowland Interactions in the Ganges Brahmaputra River Basin: A Review of Published Literature.** ICIMOD

occasional paper 11. Kathmandu: ICIMOD (ISBN 981-00-1244-6)

Keywords: Hydrology / Sedimentation / Vegetation / Mountain land use / Watershed management / Environmental protection

Carson, B. (1985) **Erosion and Sedimentation Processes in the Nepalese Himalaya.** ICIMOD Occasional Paper 01. Kathmandu: ICIMOD

(ISBN 92-9115-239-0)

Keywords: Erosion control / Landslides / Deforestation / Soil management / Slope stability / Himalayas / Nepal

Carson, B. (1992) **The Land, the Farmer, and the Future: a Soil Fertility Management Strategy for Nepal.** ICIMOD Occasional Paper 21. Kathmandu:

ICIMOD (ISBN 92-9115-046-0)

Keywords: Land use/Landscape/Soil fertility/Agricultural production/Nepal

Dani, A. A.; Campbell, J. G. (1986) **Sustaining Upland Resources: People's Participation in Watershed Management.** ICIMOD Occasional Paper 03.

Kathmandu: ICIMOD (ISBN 92-9115-256-0)

Keywords: Hindu Kush-Himalayas /Social participation /Watershed management/ Bangladesh/India /Nepal/Pakistan /China

Denholm, J. (1991) **Agroforestry in Mountain Areas of the Hindu Kush-Himalayan Region.** ICIMOD Occasional Paper 17 . Kathmandu: ICIMOD

(ISBN 92-9115-001-0)

Keywords: Agroforestry / Mountain cropping patterns / Hindu Kush-Himalayas

Deoja, B. B. (1994) **Sustainable Approaches to the Construction of Roads and Other Infrastructure in the Hindu Kush-Himalayas.** ICIMOD Occasional Paper 24. Kathmandu: ICIMOD (ISBN 92-9115-208-0)

Keywords: Hindu Kush-Himalayas / Sustainable development / Road construction / Transport infrastructure

Dunsmore, J. R. (1988) **Mountain Environmental Management in the Arun River Basin in Nepal.** ICIMOD occasional paper 09. Kathmandu: ICIMOD

(ISBN 981-00-0925-9)

Keywords: River basins / Nepal, EDR

Ives, J. D. (1986) **Glacial Lake Outburst Floods and Risk Engineering in the Himalaya**. ICIMOD Occasional Paper 05. Kathmandu: ICIMOD (ISBN 92-9115-84-756-6)

Keywords: Himalayas/Risk engineering/Glaciers/Floods

Li Tianchi (1990). **Landslide Management in the Mountain Areas of China**. ICIMOD Occasional Paper 15. Kathmandu: ICIMOD (ISBN 92-9115-015-0)

Keywords: Landslides / Mountain land use / China

Liu Yanhua (1992). **Dynamics of Highland Agriculture in Lhasa District, Tibet: A Case Study**. ICIMOD Occasional Paper 22. Kathmandu: ICIMOD (ISBN 92-9115-063-0)

Keywords: Agricultural development / Highland / China, Tibet, Lhasa

Lu Rongsen (1992). **Seabuckthorn: A Multipurpose Plant Species for Fragile Mountains**. ICIMOD Occasional Paper 20. Kathmandu: ICIMOD (ISBN 92-9115-130-0)

Keywords: Multipurpose trees / Economic plants

Mahat, T. B. S. (1987) **Forestry: Farming Linkages in the Mountains**. ICIMOD Occasional Paper 07. Kathmandu: ICIMOD (ISBN 9971-84-832-5)

Keywords: Mountain farming/Small-scale industry/Forestry/Farming systems

Panday, K. K. (1992) **Sustainability of the Environmental Resource Base and Development Priorities of a Mountain Community, Bhardeo, Nepal**. ICIMOD Occasional Paper 19. Kathmandu: ICIMOD (ISBN 92-9115-127-0)

Keywords: Community development / Natural resources / Economic development / Nepal, CDR, Lalitpur

Partap, T.; Watson, H. R. (1994) **Sloping Agricultural Land Technology (SALT): A Regenerative Option for Sustainable Mountain Farming**. ICIMOD Occasional Paper 23. Kathmandu: ICIMOD (ISBN 92-9115-323-0)

Keywords: Sloping land / Agricultural technology / Mountain farming systems / Agricultural development / Sustainable development

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Keywords: Integrated development / Community development / Development projects / Rural development / Nepal

Schaffner, U. (1987) **Road Construction in the Nepal Himalaya: the Experiences from the Lamosangu-Jiri Road Project**. ICIMOD Occasional Paper 08. Kathmandu: ICIMOD (ISBN 9971-84-831-7)

Keywords: Development projects / Road construction / Himalayas / Nepal, CDR, Dolakha

Sharma, P. and Khanal, N. (1996) **Assessing the Potential of Market Towns in the Mountains: Case Studies from the Hindu Kush-Himalayas**. Occasional Paper No. 25. Kathmandu: ICIMOD (ISBN 92-9115-533-0).

Keywords: Himalayan region/ Marketing channels/ Agriculture / Urbanisation

Zhang Rongzu (1989). **Case Study on Mountain Environmental Management: Nyemo County, Tibet**. ICIMOD Occasional Paper 13. Kathmandu: ICIMOD (ISBN 981-00-1342-6)

Keywords: Mountain environment / Environmental management / Case studies / China, Tibet

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Keywords: agricultural research/mountain agriculture/ development/ subsistence agriculture/ infrastructure/ service/ education/ institutions

Banskota, M.; Karki, A. S. (eds) (1995) **Sustainable Development of Fragile Mountain Areas of Asia: regional conference report on.... held on 13-15 Dec, 1994 in Kathmandu, Nepal**. Kathmandu: ICIMOD

Keywords: geography/mountain development/sustainable development/ agricultural development/soil conservation/ watersheds/Himalayas/Nepal

Bhatia, A. (ed) (1996). **Nepal Madhyasthata Samuha Seminar on Conflict Resolution in Natural Resources**. April 24-25, 1995. Kathmandu: ICIMOD

Keywords: community forestry/social participation/forest management/Nepal

Bhatia, A. (ed) (1999c). **Participatory Forest Management: Implications for Policy and Human Resources' Development in the Hindu Kush-Himalayas: Volume V-Nepal**. Kathmandu: ICIMOD (ISBN 92-9115-970-0/92-9115-037-1)

Keywords: forest management / Hindu Kush-Himalayas / social participation / human resources / policy-making / forest resources / Nepal

Bhatia, A. (ed) (2000b). **Participatory Forest Management: Implications for Policy and Human Resources' Development in the Hindu Kush-Himalayas. Volume IV India**. Kathmandu: ICIMOD (ISBN 92-9115-970-0/92-9115-023-1)

Keywords: forestry - general aspects / India / forest management / social participation / mountain forests / Hindu Kush-Himalayas

Bhatia, A. (ed) (2000c) **Participatory Forest Management: Implications for Policy and Human Resources' Development in the Hindu Kush-Himalayas, Volume VI Pakistan**. Kathmandu: ICIMOD
(ISBN 92-9115-970-0/92-9115-054-1)

Keywords: forestry - general aspects / india / forest management / social participation / mountain forests / Hindu Kush-Himalayas

Bhatia, A. (2000a) **Participatory Forest Management: Implications for Policy and Human Resources' Development in the Hindu Kush-Himalayas: Volume III Eastern Himalayas**. 2000. Kathmandu: ICIMOD
(ISBN 92-9115-970-0/92-9115-006-1)

Keywords: forest management / social participation / human resources / government policy /Bangladesh / Bhutan / Myanmar

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Keywords: forestry/forest user groups/natural resources/natural resource management/people's participatory/human resource development

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Keywords: forest policy/forest resources/human resources/social participation/forest management/China, Tibet/China, Yunnan

Campbell, J. B.; Denholm, J. (1992) **Inspirations in Community Forestry**. Report of the Seminar on Himalayan Community Forestry held on 1-4 Jun 1992 in Kathmandu, Nepal. Kathmandu: ICIMOD

Keywords: Community development / Forest management / Himalayas

Chalise, S.R. and Karki, S. (eds) (1995). **Landslide Hazard Management and Control in the Hindu Kush-Himalayas**. Report of the Regional Workshop. Kathmandu: ICIMOD

Keywords: landslides / hazards / soil conservation / soil erosion / erosion control / Hindu Kush-Himalayas /himalayas

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(ISSN 92-9115-581-0)

Keywords: hydrology/mountains/Hindu Kush-Himalayas/ region/watershed

Chalise, S.R. and Khanal, N.R. (eds) (1996). **International Conference on Ecohydrology of High Mountain Areas. Extended abstracts**

Kathmandu: ICIMOD

Keywords: hydrology / ecology / meteorology/water resources / river basins / hydrological data

Gurung, J. D. (1994) **Indigenous Knowledge Systems and Biodiversity Management.** Proceedings of a MacArthur Foundation/ICIMOD seminar held on 13-15 Apr 1994 in Kathmandu, Nepal. Kathmandu: ICIMOD

Kathmandu: ICIMOD

Keywords: Nature conservation / Diversity / Traditional technology / Genetic resources / Resources conservation

ICIMOD and CHTDB (1995). **Hill Districts of Bangladesh: Experiences in Development.** Report of the National Workshop held from 23-25 January 1995 in Rangamati, Bangladesh. Kathmandu: ICIMOD

Kathmandu: ICIMOD

Keywords: hills / economic development / Bangladesh, Chittagong

ICIMOD (1996). **Community Forestry: The Language of Life.** Report of the First Regional Community Forestry Users' Group Workshop, organised by ICIMOD and FAO's Forest, Trees and People Programme, in Kathmandu, Nepal, May 22-27, 1995. (In English, Chinese, Hindi and Nepali)

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Keywords: community forestry/users' groups/forests/forest resources/forest utilisation

ICIMOD (1999). **Widening Horizons: Regional Workshop on the Role of Local, Elected Institutions in Community Forestry Management in the Hindu Kush-Himalayas**, 16-21 Mar 1998, Kathmandu, Nepal (in English- also available in Nepali and Hindi). Kathmandu: ICIMOD (ISBN 92-9115-967-0)

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Keywords: community forestry/forest management/ Hindu Kush-Himalayas/ local communities/ local development/ social participation/ natural resources/ decentralisation / forest resources

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ICIMOD (1989b). **Horticultural Development in the Hindu Kush-Himalayan Region.** Report of the International Expert Meeting held on 19-21 June 1989 in Kathmandu, Nepal. Kathmandu: ICIMOD

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Keywords: Horticulture / Agricultural sector / Economic development / Hindu Kush-Himalayas

ICIMOD (1986a). **Energy for Mountain Districts.** Report of the International Workshop on District Energy Planning and Management for Integrated Mountain Development held from 3-5 May 1986 in Kathmandu. (Workshops and Seminars Report). Kathmandu: ICIMOD

Keywords: Energy consumption / Rural energy consumption / Energy planning

ICIMOD (1986b). **Managing Mountain Watersheds.** Report of the International Workshop on Watershed Management in the Hindu Kush-Himalayan Region held from 14-19 October 1985 in Sichuan, China.

Kathmandu: ICIMOD

Keywords: Watershed management / Hindu Kush-Himalayas

ICIMOD (1986c). **People and Jobs in the Mountains.** Report of the International Workshop on Off-Farm Employment Generation in the Hindu Kush-Himalaya Region held on 17-19 May 1986 in Dehra Dun. (Workshops and Seminars Report). Kathmandu: ICIMOD

Keywords: Off-farm employment / Hindu Kush-Himalayas

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Keywords: Mountain crops / Medicinal plants / Mountain farming / Genetic resources

ICIMOD (1988a). **Towns in the Mountains.** Report of the International Workshop on Planned Urbanisation and Rural Linkages in the Hindu Kush-Himalaya Region held from 25-29 Mar 1988 in Kathmandu. (Workshops and Seminars Reports). Kathmandu: ICIMOD

Keywords: Mountains / Rural-urban disparity / Urbanization / Hindu Kush-Himalayas

ICIMOD (1988b). **Agricultural Development Experiences in Himachal Pradesh, India.** (MFS Workshop Report 01). Kathmandu: ICIMOD

Keywords: Agricultural development / Agricultural economics / India, HP

ICIMOD (1988c). **Agricultural Development Experiences in West Sichuan and Xizang, China.** (MFS Workshop Report 02). Kathmandu: ICIMOD

Keywords: Agricultural development / Agricultural economics / China

ICIMOD (1988d). **Agricultural Development Experiences in Nepal.** Workshop report (MFS Workshop Report 03). Kathmandu: ICIMOD

Keywords: Agricultural development / Agricultural economics / Nepal

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Keywords: Agricultural development / Agricultural economics / Pakistan

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Kathmandu: ICIMOD

Keywords: Apiculture / Hindu Kush-Himalayas

ICIMOD (1989d). **Women in Mountain Development.** Report of the International Workshop on Women's Development and Mountain Resources: Approaches to Internalising the Gender Perspective held on 21-24 Nov 1988 in Kathmandu. Kathmandu: ICIMOD

Keywords: Women's role / Mountain development

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Keywords: Agricultural development / Sustainable development / Mountain farming / Agricultural policy

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Keywords: Economic development / Mountain development / Natural resources / Resources management

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Keywords: Energy technology / Energy / Energy resources / Rural energy

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Keywords: Land reclamation / Mountain ecosystem / Hindu Kush-Himalayas / Rehabilitation

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Keywords: Sustainable development / Mountain farming / Agricultural development / Institutional aspects

ICIMOD (1994c). **Mini- and Micro-hydropower for Mountain Development in the Hindu Kush-Himalayan Region.** Proceedings of an International Experts' Consultative Meeting, held on 13-17 Jun 1994 in Kathmandu, Nepal. Kathmandu: ICIMOD
Keywords: Small-scale hydroelectric energy / Energy sources / Energy policy / Energy technology / Appropriate technology

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Keywords (s): Environmental management/ Mountain Environment / Hindu Kush-Himalayas

Joshi, R.D. and Amatya, V.B. (1996) **Report of the National Seminar on Mini- and Micro-Hydropower Development in the Hindu Kush-Himalayan Region: The Nepal Perspective.** Kathmandu : ICIMOD
Keywords: energy sources/hydroelectric energy/small-scale hydroelectric energy/Nepal

Junejo, A.A. (ed) (1995). **The Orientation-cum-Training Programme on Mini- and Micro-Hydropower Development, in the Hindu Kush-Himalayan Region.** Kathmandu: ICIMOD
Keywords: hydroelectric energy / small-scale hydroelectric energy / water resources

Karki, A.S.; Amtzis, J.; Bhatia, A. (1996) **Building Partnerships in Community Forestry.** Kathmandu: ICIMOD (ISBN 92-9115-547-0)
Keywords: user groups/participatory forest management/community forestry/Hindu Kush-Himalayas/conservation/mountain development

Papola, T. S. (ed) (2000) **Women Entrepreneurs in Mountain Areas: Proceedings of a Regional Workshop, 21-23 Dec 1999,** Kathmandu, Nepal. Kathmandu: ICIMOD (ISBN 92-9115-183-1)
Keywords: sociology / entrepreneurship / women workers / women's participation / women's role / Hindu Kush-Himalayas / Himalayas

Papola, T.S. (1996b) **Integrated Planning for Environmental and Economic Development of Mountain Areas: Report of a Regional Meeting of Planners and Experts**. Kathmandu: ICIMOD (ISBN 92-9115-595-0)

Keywords: integrated planning/environmental management/economic development/mountain areas/development planning/area development/ comparative advantages/economic growth

Papola, T.S. (ed) (1996a). **Report of the Regional Meeting of Experts on Development of Micro-enterprises in Mountain Areas**. Kathmandu: ICIMOD (ISBN 92-9115-614-0)

Keywords: micro-enterprises/mountain farming/women's participation/ entrepreneurs/ sectoral perspectives/ workplan/mountain areas

Rana, G. (1996) **Workshop on Hazard Mitigation in the Northern Sunkoshi and Bhote Koshi Water Catchment Areas (HMWA), Nepal**.

Kathmandu: ICIMOD

Keywords: landslides/floods/soil erosion/erosion control/Nepal/hazard mapping/bio-engineering/seismic reflection /glacial/ quaternary/ electrical sounding/glacio-fluviale

Rastogi, A.; Pei Shengji; Amatya, D. (eds) (1997). **Regional Consultation on Conservation of the Kanchenjunga Mountain Ecosystem**. 1997. Kathmandu: ICIMOD (ISBN 92-9115-709-0)

Keywords: ecosystems/wildlife/conservation/reserve/flora/fauna/trans-boundary

Rastogi, A.; Pei Shengji; Godbole, A. (eds) (1998). **Applied Ethnobotany in Natural Resource Management - Traditional Home Gardens**. Highlights of a Training Workshop Held at Kohima, Nagaland, India, 18-23 June 1997.

Kathmandu: ICIMOD

Keywords: ethnobotany/home gardens/biodiversity/traditional knowledge

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Kathmandu: ICIMOD (ISBN 92-9115-807-0)

Keywords: energy resources/ energy policy/ energy technology/ renewable energy sources/ Nepal / India

Shrestha, S. (1995) **Evolution of Mountain Farming Systems: Sustainable Development Policy Implications**. International Workshop report.

Kathmandu: ICIMOD (ISBN 92-9115-385-0)

Keywords: agricultural development / mountain farming / farming systems / agricultural policy / sustainable development / agricultural research / Nepal

van Wageningen, N.; Sa Wenjun. (eds) (2001). **The Living Plateau: Changing Lives of Herders in Qinghai - Concluding Seminar of the Qinghai Livestock Development Project**. Kathmandu: ICIMOD (ISBN 92-9115-376-1)

Keywords: Pasture management / Pastures / Herds / Economic conditions / Grassland management / Himalayas / Livestock management / China, Tibet

Proceedings of Workshops and Seminars

Allen, R.; Schreier, H.; Brown, S. (eds) (2000) **The People and Resource Dynamics Project: The First Three Years 1996-1999**. Proceedings of a Workshop, 2-5 Mar. 1999, Baoshan, Yunnan, China. Kathmandu: ICIMOD (ISBN 92-9115-202-1)

Keywords: agricultural research / mountain farming systems / Hindu Kush-Himalayas / environmental degradation / mountain environment / watershed management / resources management

Banskota, M.; Chalise, S. R. (eds) (2000a) **Waters of Life-Perspectives of Water Harvesting in the Hindu Kush-Himalayas (Volume I)**. Proceedings of the Regional Workshop on Local Water Harvesting for Mountain Households in the Hindu Kush-Himalayas, Kathmandu, March 14-16, 1999.

Kathmandu: ICIMOD (ISBN 92-9115-104-1, Vol. I 92-9115-118-1)

Keywords: water resources and management/water harvesting/mountain life/water utilisation/ water resources/mountain areas/Hindu Kush-Himalayas

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Keywords: water harvesting / Hindu Kush-Himalayas / mountain life / water utilization / water resources / mountain areas

Banskota, M.; Papola, T. S.; Richter, J. (eds) (2000). **Growth, Poverty Alleviation and Sustainable Resource Management in the Mountain Areas of South Asia. Proceedings of the International conference, 31 Jan-4 Feb 2000**. Kathmandu: ICIMOD (ISBN 3-934068-36-7)

Keywords: poverty alleviation / poverty / resources management / sustainability / sustainable development / mountain areas / economic development / development strategy/South Asia

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Keywords: Mountain areas / Population density / Poverty / Economic development / Sustainable development / China

Banskota. M.; Karki. A.S.; Croon, F.W. (eds) (1999) **Strategic Considerations on the Development of Central Asia: Second CoDoCA Conference, 13-18 Sep 1998.** Urumqi, China. Kathmandu: ICIMOD/Beijing: Chinese Academy of Sciences

Keywords: economic development/ water resources / energy resources/ development planning/ natural resources/ development policy/ sustainable developments / Asia

Chalise, S.R., Herrmann, A., Khanal, N.R., Lang, H., Molnar, L., Pokhrel, A.P. (eds) (1998). **Ecohydrology of High Mountain Areas. Proceedings of the International Conference on Ecohydrology of High Mountain Areas, 24-28 March 1996.** Kathmandu: ICIMOD (ISBN 92-9115-726-0)

Keywords: hydrology / ecology / meteorology / water resources / river basins / hazards / water quality / sedimentation

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Keywords: Hindu Kush-Himalayas / Institutional framework / Mountain development / ICIMOD

ICIMOD (1994d). **Remote Sensing Applications to the Planning and Management of Environment, Natural Resources, and Physical Infrastructure. Proceedings of the Fifth UN/CDG/ESA/ICIMOD Regional Training Course on ... Oct 10- Nov 6 1993 Kathmandu, Nepal.** Kathmandu: ICIMOD (ISBN 92-9115-306-0)

Keywords: Remote sensing / Environmental management / Environmental planning / Natural resources / Resources management / Resources utilization / Training courses

ICIMOD (1994e). **Mountain Environment and Development: Constraints and Opportunities: Proceedings and Papers of the ICIMOD 10th Anniversary Symposium held on 1-2 Dec 1993 in Kathmandu, Nepal.** Kathmandu: ICIMOD

Keywords: Mountain environment / Mountain development / Mountain farming / Natural resources / Economic development

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(Set ISBN 81-204-0620-6, Vol I, 81-204-0621-4, Vol II, 81-204-0622-2)
(For purchase contact the publisher directly at Oxford & IBH Publishing Co. Pvt. Ltd; 66 Janpath, New Delhi 11001, India)
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