



ICIMOD NEWSLETTER

International Centre for Integrated
Mountain Development

No: 3

OCT. 1984

The purpose of the Newsletter is to provide information about the Centre's various activities and about progress with the Work Programmes. It will also specifically cover the mountain regions of the eight countries of the Hindu Kush-Himalaya region, namely Afghanistan, Bangladesh, Bhutan, Burma, China, India, Nepal and Pakistan - all of whom are 'participating countries' of ICIMOD.

(In order to make the Newsletter fully comprehensive the Editor welcomes contributions from readers giving information and notes on any aspect of mountain development in Hindu Kush-Himalaya region.)

THIRD MEETING OF THE BOARD OF GOVERNORS

The Board of Governors of ICIMOD, under the Chairmanship of Dr. Ratna S.J.B. Rana, completed in Kathmandu a very successful Board Meeting from May 4th to 8th, 1984. The meeting was notable for the spirit of friendly cooperation among the Board Members representing the participating countries of the Hindu Kush-Himalayan region, and the representatives of the sponsoring countries and of Unesco.

Those attending as members of the ICIMOD Board were: Dr. Ratna S.J.B. Rana (Chairman), Professor Dor Bahadur Bista and Dr. I. P. Upadhyaya, all representing His Majesty's Government of Nepal, Dr. Li Wen Hua (China), Mr. Hasan Nawab, Vice Chairman (Pakistan), Mr. N. N. Jha (India), Mr. G. Glaser (Unesco), Dr. R. Hoegger (Switzerland), Dr. K. Lampe (Federal Republic of Germany), and Dr. Colin Rosser, Director of ICIMOD. Mr. N. Chowdhury of Bangladesh represented his Government as an observer.

Among important matters decided at this Third Board Meeting was the approval in principle of ICIMOD's Work Programme and related staffing and budget, over a Phase I institutional development period to the end of 1985. The Director will now finalise this work programme on the basis of detailed professional consultations in each of the eight participating countries of the Hindu Kush-Himalaya region. The intention is to ensure that these first professional and scientific activities of ICIMOD are concentrated on issues of high priority to the social and economic development of mountain communities and to sound ecological management of their mountain environment.

The Board of Governors unanimously decided to appoint Dr. Ram Prakash Yadav as ICIMOD's first Deputy Director.

The Fourth Meeting of ICIMOD Board of Governors will be held in Nepal in November this year.

Dr. Ram Prakash Yadav - Deputy Director, ICIMOD

Dr. Ram Prakash Yadav joined ICIMOD as its first Deputy Director in September 1984. He is essentially a man of the countryside, and is proud of his rural origins in Rajpur village in Nepal's Siraha District where he was born in 1947. Because of his early upbringing on the land, he took up agriculture as his profession. In 1961 he went to the University of Agriculture and Technology, Bhubaneswar, Orissa, India on a Colombo Plan Scholarship, obtaining his B.Sc. in Agriculture in 1965.

His first job was as an Assistant Agricultural Extension Officer with the School of Agriculture (now Institute of Agriculture and Animal Science) Tribhuvan University, Kathmandu, where he taught Agricultural Extension and Farm Management. He then in 1969 went to the Oregon State University, U.S.A. for further studies under a Fulbright/Hays scholarship, and completed

his M.S. in Agricultural Economics. Later, in 1975, he obtained his Ph.D. in Agricultural Economics from Cornell University, majoring in International Agriculture 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.



Dr. Yadav (Right) with The Director, Dr. Rosser

On returning to Nepal, Dr. Yadav joined the Agricultural Projects Services Centre (APROSC) as a founding staff member, and became its Executive Director in 1979. Later in 1982 he was awarded 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.

Dr. Yadav is the author of numerous papers on agriculture and rural development and co-authored with Ludwig Fr. Stiller the book Planning for People: A Study of Nepal's Planning Experience.

Dr. Yadav has also served as Consultant to Economic and Social Commission of Asia and Pacific (ESCAP), International Fund for Agriculture Development (IFAD) and FAO.

ICIMOD'S FIRST PROFESSIONAL STAFF APPOINTMENTS

The Centre, after some five months of preparatory organisation (including staff recruitment, following the arrival of the Director in April this year) began active work as a professional institution on 1st September 1984.

By this date the Centre's first long-term professional staff members had arrived. Over the next few months, this 'core staff' of the Centre will be rapidly augmented, with professional colleagues arriving to join us from each of the eight 'participating countries' of the Hindu Kush-Himalayan region. A long-term core staff of 25-30 senior and experienced professionals is expected, recruited primarily from within this Region - but supplemented by short-term staff members recruited from both within the Region and on a wider global basis. This professional staff will be organised into the five multi-disciplinary (and multi-national) teams required by the Centre's Phase I Work Programme. The following have already taken up long-term posts at the Centre (with others, particularly from India and Pakistan) expected shortly:

Dr. K.K. Pandey (Nepal) - with his Doctorate in Technical Science from Zurich in Agronomy. He has many years of experience in integrated hill development projects in Nepal, and

is the author of the recently published book on Fodder Trees and Tree Fodder in Nepal. His special experience has been in the development of practical grass-roots extension work and in the study of hill farming system. He will lead the Centre's team on watershed management.

Mr. Anis Dani (Pakistan) - with his M.Sc. in Social Anthropology, and currently just completing his Doctorate in rural sociological studies at the University of Pennsylvania. He already has extensive fieldwork experience in rural areas in Pakistan. Mr. Dani will focus on the social aspects of watershed management with special reference to the Northern Areas of Pakistan.

Dr. Suresh Raj Chalise (Nepal) - with M.Sc. in Physics from Calcutta University and Post Graduate studies in Meteorology in the University of Reading, U.K. He was formerly Dean of the Institute of Science and Technology of Tribhuvan University and has been actively involved in the fields of Environment and Renewable Energy Resources. He will be concentrating on environmental aspects of Watershed Management.

Dr. Prodipto Roy (India) - with his first degree from India in Agriculture, and his Doctorate in Rural Sociology from the USA.

Roy has had some thirty year's experience in the field of rural development in India, with long associations with the National Institute of Community Development in Hyderabad and with the Council for Social Development based in Delhi. He was co-Director of the Rural Growth Centre Project of the Ministry of Agriculture, sponsored by the Ford Foundation. Dr. Roy has had extensive consultancy experience in India and Nepal with UN agencies, and is the author of a number of books on regional development planning, particularly planning at the district level. He will lead the Centre's team on employment generation in the non-agricultural sectors in the mountains.

Mr. Mahesh Banskota (Nepal) - with his M.A. in Economics from the Delhi School of Economics, and his Ph.D. in City and Regional Planning from Cornell University. He has undertaken many studies and evaluations of development projects in Nepal, and is the author of many papers in development economics. Formerly he is Associate Professor at the Centre for Economic Development and Administration (CEDA) Tribhuvan University - and later of the National Administrative Staff College. He will specialise at the Centre in the economics of rural development in mountain regions, with particular reference to off-farm employment generation.

Mr. Binayak Bhadra (Nepal) - with his Ph.D. in Resource Economics from Oregon State University, and his earlier degree in Electrical Engineering from India. His substantial research experience in Nepal has been primarily in the fields of water resources and in the economics of energy generation. Formerly he was an Associate Professor at CEDA in Tribhuvan University, and has acted as a consultant to HMG Nepal on policy analysis in Energy. He will concentrate at ICIMOD on rural energy planning in hill districts with particular emphasis on economic development.

Professor Wu Weitian (China) - originally a graduate in Chemistry but with long experience in data processing in China. He has been a senior staff member of the Commission for the Integrated Survey of Natural Resources within the Chinese Academy of Sciences in Beijing. Professor Wu has specialised in the field of information sciences, and has been particularly occupied with setting up the Documentation Centre and Data Bank of the Commission and with the preparation of publications in this field. At ICIMOD, he will be responsible for the computerisation of the Centre's work on documentation on integrated mountain development, and with the building of the information exchange network throughout the Hindu Kush-Himalaya.

Mr. Saroj Basnyet (Nepal) - with his M.Sc. in Civil Engineering from the University of Moscow, and a second M.Sc. in Development Planning from the University of London. Mr. Basnyet worked as a planner and civil engineer in the Bhaktapur Development Project in the Kathmandu Valley, and as a consultant engineer for the Rapti Zone Integrated Rural Development Project, specialising in the technologies of rural water supply systems. At ICIMOD, he will help develop our work in conservation engineering in water-shed management, and in rural infrastructure engineering.

Mme Ji Xiao-yun (China) - with her graduate degree in Hydro-Electric Power Engineering and practical research experience in many aspects of the technology of rural energy. Madame Ji has been a staff member of the Energy Research Institute of the State Energy Commission in China, with particular research interests in the field of biogas digesters. At ICIMOD she will be responsible for developing the Centre's links in both research and information exchange with the Energy Research Institute with particular emphasis on the technology of rural energy in mountain areas.

Mrs. Prabha Thacker (Nepal) - with her M.S. in Information Science from the Pratt Institute in New York, and her earlier M.A. in English Language and Literature from Tribhuvan University. Mrs. Thacker has had many years of experience in the field of Documentation and Information with various government agencies in Nepal. She was formerly Chief of Documentation and Publication in the Industrial Service Centre, and more recently has been Consultant on Information, Communication and Education to the National Population Commission. Mrs. Thacker will be responsible for developing ICIMOD's activities in information networking in the Hindu Kush-Himalayan Region.

Mme Zhang Li (China) - graduated in English in the University of Beijing, and has been engaged in translation work including the preparation of abstracts in Geo-Science since 1973 in the Chinese Academy of Sciences. Before joining ICIMOD, Madame Zhang was a staff member of the Institute of Geography in Beijing, where she was particularly concerned with translation into Chinese or English of reports and publications on mountain geography. At ICIMOD she will help build our Documentation Centre, and our links with the Institute of Geography in Beijing.

Miss Subarna Bajracharya (Nepal) - with her M.S. in Library Science from the USA, and M.A. in Economics from Tribhuvan University. Since 1977 Miss Bajracharya has been the Chief

Librarian for APROSC in Kathmandu responsible for the Nepal National Agricultural Documentation Centre (linked to AGRIS of FAO Rome). She has already taken full charge of the embryonic but rapidly expanding ICIMOD library which is an integral part of the Centre's Documentation and Information Exchange.

Dr. Ram Krishna Shrestha (Nepal) - with his Ph.D. in Geography from Punjab University in India, and with special emphasis on techniques of land use analysis. Dr. Shrestha has been Professor of Geography at Tribhuvan University, particularly responsible for cartography. He was the Director of the team which produced the Economic Atlas of Nepal. At ICIMOD, Dr. Shrestha will be responsible for the development of the Centre's map collection on the Hindu Kush-Himalaya, and for the organisation of a cartography section.

In addition to the above first batch of longterm staff, short-term appointments at the Centre have been held, at various times over the last four months, by :

Professor Jack Ives (USA) mountain geography.

Dr. K.G. Tejwani (India) land use and soil conservation

Dr. K.C. Jolly (India) demography

Dr. Hikmat Bista* (Nepal) anthropology

Dr. D. Messerschmidt (USA) community participation

Mr. A. Storrs (UK) forestry/publication

Mr. Vinod Kumar (India) regional planning

Miss Sunanda Mitra (India) demography

Dr. Guido Kuchelmeister (West Germany) agroforestry

Dr. Corneille Jest (France) watershed management.

Mr. John Lindsay (UK) documentation and information systems

(* = since joined long-term staff)

Senior Administrative Staff of the Centre (and Head of Sections) are :

M.R. Tuladhar (Accounts), Dawa Lama (Maintenance and Staff Management), Pradeep Lohani (Travel and Government Liaison), Ruben Subba (Procurement), C.B.S. Kansakar (Personnel), Mrs. Nira Burathoki (Secretarial Services).



A Staff Discussion Group

Mr. M.D. Joshi, Director General/Dept. of Soil Conservation and Watershed Management (HMG) and Mr. K.B. Malla, Chief/Remote Sensing Centre (HMG) are also seen in the picture.

The fundamental concern of ICIMOD is with the practical relationships between the effective social and economic development of mountain communities and the ecologically sound management of the natural environment that they inhabit (and which, hopefully, their children will inherit). The key words are "development" and "management". The key tools are practical research, systematic evaluation of programme and project experience, and skilled development planning and implementation through the full partnership of Government and community.

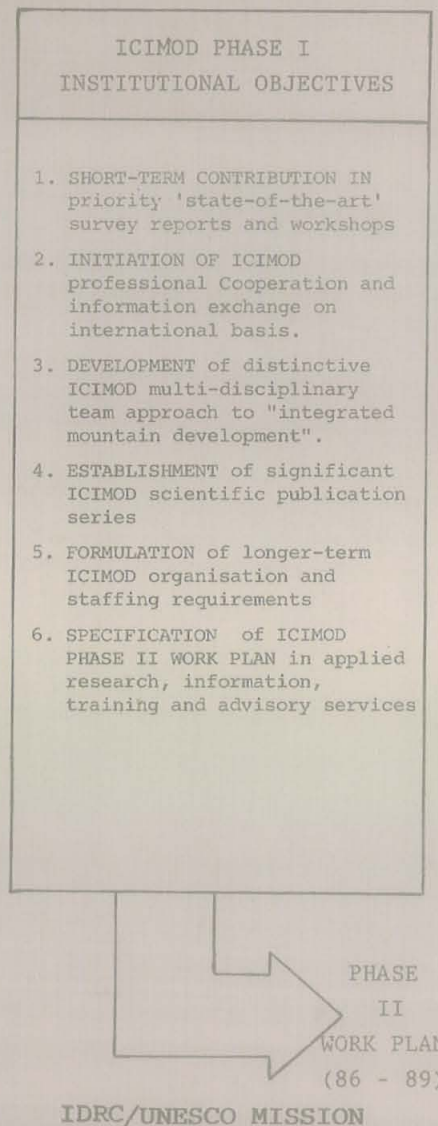
Our first and most obvious professional task is to establish what is known (or thought to be known) throughout these mountains with regard to this basic question: the 'interface' between socio-economic development and resource management in mountain regions. This is the unique field of ICIMOD. And we need to understand not just the current state of knowledge but, equally, the current experience with the use of that knowledge in practical development programmes and projects throughout the Hindu Kush-Himalayan Region.

Over the next 15 months or so to the end of 1985, ICIMOD will concentrate on four major 'state-of-the-art' surveys throughout these mountains, plus the organisation of a functional Information Exchange Network linking national documentation centres on integrated mountain development in each of the eight countries involved. The selected themes of these regional surveys are shown on the next page.

Each of these state-of-knowledge inquiries will be undertaken in full collaboration with relevant professional institutions in each country - and each will be concluded with a major international workshop (towards the end of 1985) to review conclusions and to establish priorities for the next phase of ICIMOD's contribution. The first of these Workshops (on Watershed Management) is already being planned, in cooperation with the Chinese Academy of Sciences, for October 1985 in Kunming, Yunnan Province of China. It is hoped that the Workshop on Rural Energy Planning will be held in Thimpu in Bhutan - and possibly the two other proposed Workshops (on Off-Farm Employment and on Mountain Infrastructure Engineering) will be held in Pakistan and India respectively.

This Phase I Work Programme was approved by the ICIMOD Board at its Third Meeting in May this year - and has been examined in fur-

ther detail during visits by the Director to China, Pakistan, India (and, of course, here in Nepal). It is expected that further programme consultation will take place shortly in Bhutan - and later in Burma, Bangladesh, and Afghanistan. In future, the work programme of ICIMOD will be discussed in full with a Programme Advisory Committee in which all of the eight countries of the Region will be represented.



ICIMOD would like to express its thanks to Unesco and IDRC (Canada) for jointly financing the Consultancy Mission to the Centre early this year on Documentation and Information Networking. The extremely useful report that was produced from this Mission was written by Mr. L.E. Samarasinghe (Unesco) and Mr. C.D. Wing (IDRC). In September this year an Implementation Supplement to this Report was brought out by the ICIMOD Documentation staff of ICIMOD.

WORK PROGRAMMES	DURATION AND DATES	PRIORITY ISSUES (Indicative only)	STAFF TASK FORCE SKILLS	WORK ACTIVITIES (see Program Schedules)	PROGRAMME BUDGETS (estimates later)
<u>PROGRAMME I</u> WATERSHED MANAGEMENT	16 months 1 Sept.84 to Dec. 85	<ol style="list-style-type: none"> 1. Ecological assessment and monitoring 2. land management, forest and soil conservation 3. community participation in resource management 4. economics of controls and incentives 5. Government organisation and legislation 	ecology/geography forestry/agriculture agroecconomics anthropology law and administration hydrology	<ul style="list-style-type: none"> - design of 'state-of-the-art' Survey - organisation of country participation and reports - documentation assembly and classification - evaluative analysis/regional comparison - REPORT preparation - organisation of major WORKSHOP 	<ol style="list-style-type: none"> 1. Personnel: <ul style="list-style-type: none"> - professional staff - research assistants - consultants 2. Travel 3. Documentation 4. Reports 5. Meetings and Workshop
<u>PROGRAMME II</u> OFF-FARM EMPLOYMENT GENERATION	16 months 1 Sept.84 to Dec. 85	<ol style="list-style-type: none"> 1. "population pressure": current and projected economic demography of Hindu Kush/Himalaya 2. industrial development of varying scale in mountain zones 3. employment potential of tourism 4. labour-intensive infrastructure development and maintenance 5. Role of Small Towns in regional development 	economics demography regional planning geography transport economics	<p>(ditto)</p> <ul style="list-style-type: none"> - survey design - country collaboration - documentation - evaluative analysis - REPORT - Workshop organisation 	<p>(ditto)</p>
<u>PROGRAMME III</u> RURAL ENERGY PLANNING	16 months 1 Sept.84 to Dec. 85	<ol style="list-style-type: none"> 1. appropriate technology identification and monitoring 2. implementation strategies and development diffusion techniques 3. incentives (including rural credit) for technological change 4. energy and rural economic development 5. integrated rural energy projects 	energy economics engineering agroecconomics regional planning anthropology	<p>(ditto)</p>	<p>(ditto)</p>
<u>PROGRAMME IV</u> ENGINEERING IN FRAGILE ENVIRONMENTS	12 months Jan. 85 to Dec. 85	<ol style="list-style-type: none"> 1. mountain hazard mapping: slope stability analysis/terracing 2. environment impact assessment of infrastructure projects 3. rural infrastructure development in mountain zones 4. social and economic appraisal of road projects 	engineering geology/climate physical geography economics regional planning environmental planning	<p>(ditto)</p>	<p>(ditto)</p>
<u>PROGRAMME V</u> INFORMATION SYSTEMS FOR MOUNTAIN DEVELOPMENT	20 months May 84 to Dec. 85	<ol style="list-style-type: none"> 1. design and implementation of ICIMOD information centre 2. structure of information exchange network for ICIMOD region 3. design and implementation of linkages to relevant institutions outside ICIMOD region 	information processing documentation/library skills editing and publications	<ul style="list-style-type: none"> - inventory and classification of mountain research and development projects - assembly of documentation linked to PROGRAMMES I To IV - organisation of Hindu Kush-Himalaya information network 	<p>(ditto) plus</p> <ol style="list-style-type: none"> 6. data processing facilities

WORKSHOP
ON
WATERSHED
MANAGEMENT

WORK-
SHOP ON
EMPLOYMENT
GENERATION

WORKSHOP
ON
RURAL
ENERGY

WORKSHOP
ON
MOUNTAIN
INFRASTRUC-
TURE

THE CENTRE'S BUILDING COMPLEX

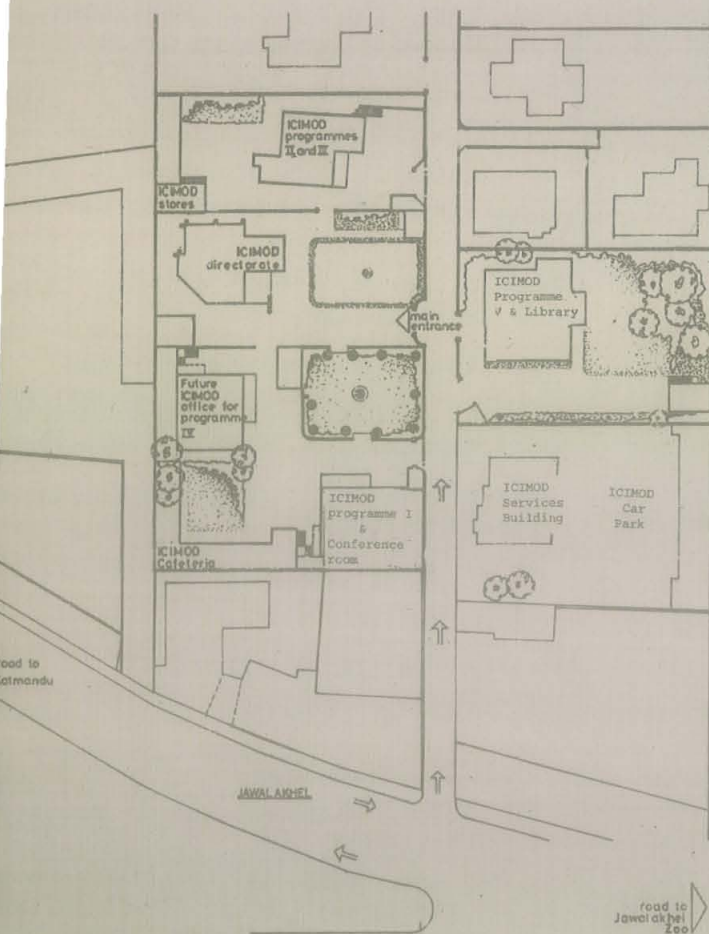
The Centre, which is located in the Patan area of Kathmandu, is well situated, having fine view of the surrounding hills and distant snow mountains. There are now five buildings in the complex, all conveniently close together, where a pleasant campus-like atmosphere has been achieved in a short time. However in the future a specially-constructed complex is envisaged, and plans to put this into effect are already under consideration.

In order to get the existing buildings into a suitable state for the various staff members, a good deal of alteration and refitting has been necessary. An internal tele-

phone system has been installed, rewiring of electrical circuits done and furniture and fittings provided. A new staff canteen has been constructed, some parking lots created, and gardens laid out.

The Library, Documentation, Publications and Cartographic Sections are in the process of being built up. Much vital equipment has already been purchased, while more, such as audio-visual, cartographic and micro-computer equipment are on order.

Though much remains to be done, good progress has been made with the physical establishment of the Centre, which is now in full-scale operation.



- Notes
- Programme I Watershed Management
 - " II Employment Generation
 - " III Energy Planning
 - " IV Mountain Engineering
 - " V Mountain Information Network



The Central Office (Left) - The Building on the Right Houses Programmes 2 and 3



This Building houses Programme I and the Conference Room.



This Building Houses Programme 5, and on the ground floor is the Library.

COMING EVENTS

October 20-November 11, 1984: ICIMOD will be represented by Dr. Hikmat Bista (Nepal) on a Study Tour in the USSR to Turkmenistan, organised by the Environmental Coordination Unit of ESCAP on "Desertification in Arid Mountain Regions".

Mid January 1985 : ICIMOD will be represented by Dr. Binayak Bhadra at an ESCAP Meeting on the Economic Aspects of Rural Energy Planning to be held in Bangkok.

January 7 - 12 : ICIMOD has been invited to send a staff member to a Seminar on Integrated Watershed Management organized by the East-West Centre (and supported by USAID) to be held at Honolulu. ICIMOD will be represented by Mr. Anis Dani (Pakistan). Dr. KK. Pandey (Nepal) will also attend.

February 25-March 2 : ICIMOD will co-sponsor, with FAO and the East-West Centre, an Expert Meeting on 'Strategies, Techniques and Approaches to Watershed Management' to which the world's leading experts in this field will be invited (including experts from the countries of this Region). This Meeting will be held in Kathmandu, organised by ICIMOD. This Meeting will be followed by a 15-day Training Programme on Watershed Management (financed by FAO/Finland) for about 25 regional participants - with contributions from the ICIMOD staff.

Mid-May 1985 : ICIMOD will co-sponsor, with the King Mahendra Trust and IUCN (Geneva), a Workshop on 'The Management of National Parks and Protected Areas in the Mountain Regions in Asia'. This meeting will focus on the reduction of conflict between park and people, and will be held in Kathmandu (organised by ICIMOD).

The Centre is currently engaged in discussion with FAO in Rome (regarding its interests in watershed management, hill farming system and rural energy planning), with ESCAP in Bangkok (on studies of the socio-economic aspects of deforestation in the sub-Himalayan range), and with ILO in Geneva (on ICIMOD's collaboration with the World Employment Programme). ICIMOD is seeking major assistance from the International Development Research Centre (IDRC) of Canada, and from Unesco in Paris, in the implementation of its Documentation and Information Network.

VISITORS

The following were among the many visitors who came to the Centre between June and October 1984 :

Dr. Sanford D. Schemitz, Fulbright Professor of Ecology, U.S. Education Foundation, Nepal.

Mr. H.R. Stennett, Chief Technical Adviser, FAO Watershed Management and Conservation Education Project, Nepal.

Dr. John Cool, Representative, Agriculture Development Council (ADC), Nepal.

Mr. Peter Rogers, Professor, Harvard University, USA.

Dr. George Axinn, FAO Representative, Nepal

Dr. Mehta, Consultant, Rural Development ESCAP, Bangkok.

Miss Neva Goodwin, Board Member, Agriculture Development Council, New York, USA.

Mr. Michaelsen, Forestry Division, FAO, Rome.

His Excellency Mr. Eric Harder, Ambassador Nepal of Federal Republic of Germany.

Mr. G. Levin, Ford Foundation, New Delhi and Mr. R. Yoder, Cornell University USA.

Professor Teruji Sakiyama, International University of Japan, Nigata.

Dr. Dilbagh S. Athwal, Vice President, International Agriculture Development Service, Washington D.C.

Mr. Scheffer-Boichorst, Desk Officer (Nepal Projects) GTZ, West Germany.

Dr. R. Hoegger (Board Member) Switzerland.

Dr. N. N. Singh, Ministry of Education and Culture (Board Member)

Prof. Dor Bahadur Bista, Professor Tribhuvan University (Board Member)

PUBLICATION NOW AVAILABLE

The Proceedings of ICIMOD's First International Symposium and Inauguration held in Kathmandu, December 1-5, 1983 have now been published by the Centre, entitled: Mountain Development : Challenges and Opportunities. Price US\$ 10 or equivalent in local currency. For further information, contact The Publications Office, ICIMOD, GPO Box 3226, Kathmandu, Nepal.

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International Centre for Integrated Mountain Development (ICIMOD)

4/80 Jawalakhel

G P O Box 3226

Kathmandu, Nepal

Tel : 521575, 522519, 522839, 522969

Cab : ICIMOD

Tlx : 2245 SATA NP