

## Annex 2: Symposium Programme

**DAY One - Monday May 21, 2001**

Registration

Welcome Address

*Dr. J. Gabriel Campbell, Director General, ICIMOD*

Keynote Speeches

*Dr. Harka Gurung*

*Dr. Tej Partap*

Address by the Chief Guest

*Minister of Agriculture and Foreign Affairs, HMGN*

Address from Donor Representatives

Vote of Thanks

### **Technical Sessions**

#### ***Session I***

#### ***Plenary Session***

Chairperson: Dr. Harka Gurung

Rapporteur: Ms. Atsuko Toda

Strategies for Agricultural Development in the HKH Region

*Dr. Binayak Bhadra*

Poverty Reduction and Agriculture in Mountains: Some Emerging Issues

*Dr. Tang Ya*

Livelihoods on Mountain Marginal Farms in the HKH Region

*Dr. Pradeep Tulachan*

#### ***Session II***

#### ***Plenary Session (continued)***

Chairperson: Dr. Binayak Bhadra

Rapporteur: Ms Atsuko Toda

Indigenous Honeybees and their Role in Mountain Agriculture

*Dr. Farooq Ahmad*

Land Use in the Middle Hills of the HKH - Examples from the five PARDYP watersheds.

*Mr. Roger White*

Developing Sustainable Mountain Agriculture in the Hindu Kush-Himalayan Region

*Dr. D. Nangju*

Assessing Mountain Farming Systems for Sustainable Agricultural Planning and Development

*Mr. Arjen Rotmans*

Editorial Notes for Finalising Papers for Publication

*Dr. A. Beatrice Shrestha*

Test and Demonstration of Farm Handbooks

## PROGRAMME FOR GROUP ONE

Day Two - Tuesday 22 May, 2001

### **Session III**      *Technologies for Improving the Productivity of Mountain Agriculture*

Chairperson :      Dr. S. B. Saxena  
Rapporteur:      Dr. Farooq Ahmad

Assessment of Soil and Nutrient Losses from Bariland Terraces in the Western Hills of Nepal

*Dr. B. P. Tripathi*

Existing Soil Fertility Status, Loss and Its Improvement in the Bariland of Hills in West Nepal

*Mr. G. P. Acharya*

Development and Extension of Agricultural Technologies in the Mountains

*Prof. Chen Guangwei*

Application of a Knowledge Based Systems Approach in Participatory Technology Development: A Case of Developing Soil and Water Management Interventions for Reducing Nutrient Losses in the Middle Hills of Nepal

*Mr. Pratap Shrestha*

Farmers' Adoption of Improved Agricultural Technologies

*Dr. Tang Ya*

Options for Sustainable Land Management in the Mid-hills of Nepal

*Mr. R. B. Maskey*

Contour Hedgerow Farming in North East India – A Case Study

*Dr. R. C. Sundriyal*

### **Session IV**

Chairperson:      Dr. D. Nangju  
Rapporteur:      Dr. Tang Ya

Effect of Contour Hedgerows on Surface Flow and Soil Erosion Control in a Semi-Arid Valley of the Jinsha River

*Prof. He Yonghua*

Effect of Contour Hedgerows on Fertility Improvement of Sloping Croplands in a Dry Valley of the Jinsha River

*Prof. Sun Hui*

Impact of Contour Hedgerows on the Productivity of Sloping Land in the Chittagong Hill Tracts of Bangladesh

*Mr. S. K. Khisa*

Impact of Hedgerows on Soil Conservation of Terraced Land in the Middle Hills of Nepal

*Mr. Bijendra Singh*

Soil Fertility Management in Mountain Agricultural Land

*Mr. P. B. Shah*

Post-harvesting Handling of Horticultural Produce in the Hindu-Kush Himalayan Region

*Dr. S. P. S. Guleria*

**Session V**                    ***Opportunities/Options for Income Generation and Transitions in Mountain Agricultural Systems***

Chairperson:            Dr. Tej Partap  
Rapporteur             Dr. Farooq Ahmad

Pigeonpea – A Potential Multipurpose Crop for the Mountains of Southern China

*Dr. K. B. Saxena*

Domesticated Non-timber Forest Products (NTFPs) as the Major Sources of Livelihood for Hill Tribes in Marginal Mountain Farms of Nepal

*Mr. B. H. Pandit*

Butterfly Farming: An Off-Farm Income of Mountain Farming Communities – Experiences from Pakistan

*Dr. M. A. Rafi*

Agroforestry Interventions for Improving Livelihoods of the Subsistence Farm Household in the Hills of Nepal

*Dr. R. P. Neupane*

Assessing Rural Community Livelihoods in the Mountain Terraces of Yemen.

*Dr. Abdul Rashed Yaseen Ebrahim*

Multi-strata Fruit Orchard: A Sustainable Model for Hill Slope Cultivation

*Dr. M. S. Uddin*

Alternative Irrigation Trial for Cash Crop Production : A Case Study from Jhikhu Khola Watershed, Nepal

*Ms. Bandana P. Merz and Mr. Gopal Nakarmi*

**Session VI**                    ***Opportunities/Options for Income Generation in Mountains (continued)***

Chairperson:            Dr. Abdul Rashed Yaseen Ebrahim  
Rapporteur:            Dr. Farooq Ahmad

Apple Farming Productivity Concerns of Hindu Kush-Himalayan Farmers: Case Studies of Pollination Issues

*Dr. Uma Partap*

Honeybee Diversity and Its Value to Mountain Farming in Yunnan Province of China

*Prof. Tan Ken*

Sustainable Management of Beekeeping in Jumla District of Nepal: The Role of Farmer-led Institutions

*Mr. Min B. Gurung*

Role of Economic Trees in the Farm Economy – A Case Study of Apple Farming in Maoxian County, Sichuan Province, China

*Prof. Bao Weikai*

Carnation Latent Virus Elimination by Meristem TIP Culture, a Technology Demonstration

*Dr. Manisha Mangal*

Cash Crops and Sustainable Livelihoods: A Case Study of Potato Production in Sabu Village, Ladakh

*Dr. D. McNab*

## PROGRAMME FOR GROUP TWO

Day Two - Tuesday 22 May, 2001

### **Session VII**      ***Issues of Marginal Farms/Farmers***

Chairperson:      Dr. Harka Gurung  
Rapporteur:      Dr. Pradeep Tulachan

Issues and Options of Marginal Farms in Himachal Pradesh

*Dr. C. S. Vaidya*

Issues and Options of Marginal Farms in Nepal

*Mr. Kamal Gautam*

Socioeconomic Issues of Marginal Farms in Western Nepal

*Dr. R. P. Sah*

Productive Use of Marginal Farms: Experiences and Lessons of Himachal Pradesh

*Dr. Hans Raj Sharma*

Agricultural Development in Arid Mountains of Pakistan

*Dr. A. W. Jasra*

Impact of Leasehold Forestry on Marginal Farms of Nepal

*Dr. F. M. J. Ohler*

Role of Agricultural Mechanisation in Achieving Food and Nutritional Security and Employment Generation

*Dr. R. K. P. Singh*

### **Session VIII**      ***Issues of Marginal Farms (continued)***

Chairperson:      Dr. F. M. J. Ohler  
Rapporteur:      Dr. Pradeep Tulachan

Research and Development Strategies for Horticultural Sustainability in Himachal Pradesh: Existing Status Challenges and Future Approaches

*Dr. R. P. Awasthi*

Managing Marginalisation in Shifting Cultivation Areas of North East India: Examples of Community Innovations and Initiatives

*Dr. D. Choudhury*

Socioeconomics of Marginal Farms in Bhutan

*Dr. N. Tashi*

Energy Issues in Mountain Agriculture

*Dr. Kamal Rijal*

Smallholder Dairy Farming in the Mountains: Potential for Operation Flood in the Uttaranchal Himalayas, India

*Dr. Vir Singh*

Day Three - Wednesday May 23, 2001

### **Session IX**      ***Gender/Empowerment/Local Participation***

Chairperson:      Dr. T. S. Papola  
Rapporteur:      Ms Phuntshok C. Tshering

Rural Women of the HKH: The Prevalent, Yet Marginalised Farmers

*Ms. Jeannette D. Gurung*

Enhancing Employment Opportunities for Women through Diversification of Mountain Agriculture

*Dr. Nasreen Muzaffar*

Gender Role in Production and Marketing of Allo as an Income Generating Activity of the Kulung Rai Community in Sankhuwasava District, Nepal

*Ms. Kamala Gurung*

An Ethnographic Enquiry into the Adoption of Contour Hedgerow Intercropping Technology by the Ethnic Farmers of Chittagong Hill Tracts, Bangladesh: Problems and Prospects

*Dr. N. A. Khan*

Gender Relations and Agrobiodiversity Management Practices among Some Ethnic Communities of the Eastern Himalayas: Relationship and Effect

*Dr. Chanda Gurung*

Problems and Potentials of Crop Diversification for Marginal Farmholders in the Dry Mountains of Northwest China

*Ms. Zhen Lin*

Participatory Action Research on *Apis cerana* selection for Improving Productivity and Conserving Biodiversity: A Case Study from Alital VDC of Dadeldhura District

*Dr. S. R. Joshi*

### ***Session X Land Use/Land Degradation/Transitions***

Chairperson: Dr. R. P. Awasthi

Rapporteur: Ms Atsuka Toda

Institutional Strategy for Improving Mountain Farming – A Case Study of the Uttaranchal in the Indian Himalaya

*Dr. H. C. Pokhriyal*

Land Use and Land Degradation Issues in Western Nepal

*Mr. N. Khanal*

Farming Systems and Land Use in Uttaranchal, Central Indian Himalayas

*Dr. G. S. Mehta*

New Approaches for Reducing Poverty among Farming Communities of the Hindu Kush-Himalayan Region of Balochistan, Pakistan

*Dr. Z. A. Khan*

Biological Diversity of Medicinal Plants and Cereals of Northern Mountainous Regions of Pakistan and their Exploitation for Sustainable Development of the Area

*Dr. Syed Dilnawaz Ahmad Gardezi*

An Explorative Analysis of the Potential Productivity of Croplands in Tibet, China

*Dr. N. Tashi*

## **PROGRAMME FOR ALL PARTICIPANTS**

### **Day Four - Thursday May 24, 2001**

#### ***Group Discussion and Presentations***

Participants will be divided into four groups. Each group will discuss one of the following thematic areas:

Repercussion of Globalization for Mountain Agriculture: Emerging Issues

*Dr. N. S. Jodha*

Group Discussion

***Session VII******Group Presentations***

Chairperson: Dr. J. G. Campbell, Director General, ICIMOD  
Rapporteur: Dr. Tang Ya

Group One  
Group Two  
Group Three  
Group Four

***Closing Session***

Closing Remarks by Dr. J. G. Campbell

Afternoon            Optional field visit to ICIMOD Godawari Test and Demonstration Site