AGRICULTURAL DEVELOPMENT EXPERIENCES IN WEST SICHUAN AND XIZANG, CHINA

(Workshop Report)

Organised by ICIMOD in collaboration with
the Chinese Academy of Sciences (CAS)

Chengdu, West Sichuan, China

October 6-10, 1988

ICIMOD Workshop Series

The International Centre for Integrated Mountain Development began professional activities in September 1984. The primary concern of the Centre is to search for more effective development responses to promote the sustained well-being of mountain people. One of the continuing activities of ICIMOD is to review development and environmental management experiences in the Hindu Kush-Himalayan Region. Accordingly, International and National Workshops were organized in major fields to review the state of knowledge and practical experiences and also to provide opportunities for the exchange of professional expertise concerning integrated mountain development. Some of the workshops, related to mountain agriculture, included:

- **International Workshop on Watershed Management in the Hindu Kush-Himalaya**
14-19 October, 1985, Chengdu, China
- **International Workshop on Off-farm Employment Generation in the Hindu Kush-Himalaya**
17-19 May, 1986, Dehra Dun, India
- **International Workshop on Mountain Agriculture and Crop Genetic Resources**
16-19 February, 1987, Kathmandu, Nepal
- **International Expert Meeting on Horticultural Development in the Hindu Kush-Himalayan Region**
19-21 June, 1989, Kathmandu, Nepal
- **International Expert Meeting on Apicultural Development in the Hindu Kush-Himalayas**
21-23 June, 1989, Kathmandu, Nepal
- **Workshop on Agricultural Development Experiences in Himachal Pradesh, India**
11-13 April, 1988, Manali, India
- **Workshop on Agricultural Development Experiences in West Sichuan Xizang, China**
6-10 October, 1988, Chengdu, China
- **Workshop on Agricultural Development Experiences in Nepal**
14-16 November, 1988, Kathmandu, Nepal
- **Workshop on Agricultural Development Experiences in Pakistan**
15-18 February, 1989, Swat, Pakistan

These Workshops were attended by experts, from the countries of the Region, in addition to concerned professionals and representatives of international agencies. A large number of professional papers and research studies were presented and discussed in detail.

Workshop Reports are intended to represent the discussions and conclusions reached at the Workshop and do not necessarily reflect the views of ICIMOD or other participating institutions.

Copies of the reports are available upon request from :

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G.P.O. Box 3226
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TABLE OF CONTENTS

Agricultural Development Experiences in the Hindu Kush-Himalayas

Cover photograph	Top Left: Maple Cultivation, Xiang County, Sichuan
Photograph by: Lu Hongzai	Bottom Left: Apple Farming, West Sichuan

Photograph by: Lu Yanhua	Top Right: Yak Grazing, Quesu County, Kiang (Tibet)
Photograph by: Lu Hongzai	Bottom Right: Apple Cultivation, Xiang County, Sichuan

AGRICULTURAL DEVELOPMENT EXPERIENCES IN WEST SICHUAN AND XIZANG, CHINA

(Workshop Report No. 2)

1. INTRODUCTION AND OBJECTIVES

Background to ICMOD Research on Sustainable Mountain Agriculture
Workshop Objectives
Workshop of Experts on Mountain Agriculture
Workshop of Experts on Mountain Agriculture

2. FOCUS AREA OF THE WORKSHOP WEST SICHUAN AND XIZANG (Background notes)

3. THE WORKSHOP

4. DEVELOPMENT OF MOUNTAIN AGRICULTURE CONCEPTS AND STRATEGIES

Introduction

Papers in this Group

International Centre for Integrated Mountain Development
Kathmandu, Nepal

Three Phases of Agricultural Development

In the preparation of this report, we attempt to show that the development of mountain agriculture is a complex process involving many factors and requires a long-term commitment. This report is based on the findings of the workshop and the research conducted by the International Centre for Integrated Mountain Development (ICIMOD) in the region of the Hindu Kush-Himalayas. The report is intended to provide a basis for the development of mountain agriculture in the region of the Hindu Kush-Himalayas.

Development Strategies of the Post-1975

Phase and Reflection on the Mountain

Perspective

ICIMOD Workshop Series

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Top Right : Yak Grazing, Cuona County, Xizang (Tibet)

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Bottom Right : Apple Cultivation, Xiaojing County, Sichuan

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In the preparation of this report, an attempt has been made to reflect the views and interpretations expressed by the participants at the Workshop. These views and interpretations are not attributable to the International Centre for Integrated Mountain Development (ICIMOD), and do not imply the expression of an opinion concerning the legal status of any country, city, or area of its authorities, or concerning the delimitation of its frontiers or boundaries.

TABLE OF CONTENTS

FOREWORD	
1. INTRODUCTION AND OBJECTIVES	1
Background to ICIMOD Research on Sustainable Mountain Agriculture	1
Workshop Objectives	2
Framework of Enquiries for Workshop Papers: Mountain Perspective	2
2. FOCUS AREA OF THE WORKSHOP WEST SICHUAN AND XIZANG (Chinese Himalayas)	7
3. THE WORKSHOP	9
4. DEVELOPMENT OF MOUNTAIN AGRICULTURE APPROACH AND STRATEGIES	10
Introduction	10
Papers in this Group and Main Features	10
Three Phases of Agricultural Development	11
Development Strategies of Pre-1978 Phase and Mountain Perspective Reflections	13
Development Strategies of the Post-1978 Phase and Reflections on the Mountain Perspective	17

**5. MOUNTAIN REGION'S RESOURCE PROFILES
IMPLICATIONS AND APPROACHES** 20

Introduction 20

Papers in this Group and Main Features 20

Mountain Perspective Reflections 22

6. SECTORAL DEVELOPMENT AND SUPPORT SYSTEMS 23

Introduction 23

Papers in this Group and Main Features 23

Mountain Perspective Reflections 24

7. CONCLUSIONS AND RECOMMENDATIONS 29

Inferences 29

Recommendations 30

Development Approach and Strategies 30

Approaches to Resource Profiles,
Agro-ecological Zonation, and
Policy Implications 31

Sectoral Development and Support Systems 31

ANNEXES

1: Workshop Programme 37

2: List of Participants 38

3: List of Workshop Papers 41

4: Statistical Profile of West Sichuan
and Xizang (Chinese Himalayas) 43

5: Summaries of Papers 48

LIST OF TABLES

	Page
Table 1: Indicators of Unsustainability in Mountain Agriculture	5
Table 2: Mountain Characteristics (Specificities) and Their Operational Implications	6
Table 3: Summary of the Key Features of Pre-reform Agricultural Development Strategies in China: Indicating Consideration and Disregard of Mountain Specificities	33
Table 4: Summary of the Key Features of Post-reform Agricultural Development Strategies in China: Indicating Consideration and Disregard of Mountain Specificities	34
Table 5: Some Features of Selected Sectoral Programmes for Mountain Agriculture in China: Indicating Consideration and Disregard of Mountain Specificities	35
Table 6: Some Features of Support Programmes in Mountain Agriculture in China: Indicating Consideration or Disregard of Mountain Specificities	36

Foreword

Field observations and systematic studies have alerted researchers to emerging indicators of unsustainability in the present patterns of resource use and their productivity in mountain areas, particularly in the agricultural sector. Ironically, this is happening despite increased development efforts in mountain regions (HKH Region). One of the primary reasons for the above situation is the general disregard for the mountain perspective while designing and implementing development interventions for mountain agriculture.

Guided by the above understanding, ICIMOD sponsored state of the art reviews of specific public policies and programmes for selected mountain areas in India, China, Nepal, and Pakistan. The central purpose was to understand the extent and manner in which the mountain perspective is incorporated into the public policies and programmes for agriculture in the mountain areas of these countries. The reviews done by the national experts from the concerned countries were subsequently discussed by a diverse group of researchers, policy makers, and planners in National Workshops held in the respective countries.

This workshop report (one of a series of four) deals with Agricultural Development Experiences in West Sichuan and Xizang (Tibet) in China. It discusses the major highlights of the reviews and the subsequent workshop discussions with focus on the search for explicit or implicit considerations of specific mountain characteristics and their implications for the policies and programmes of mountain areas.

The report was prepared under the overall guidance of N. S. Jodha, Head of the Mountain Farming Systems' Division of ICIMOD, with major contributions from Liu Yanhua. The report greatly benefitted from the comments of Chinese and other colleagues at ICIMOD. The report presents focussed interpretations of issues raised in the review papers and at the national workshop held in Chengdu.

I would like to take this opportunity to express ICIMOD's gratitude to all those who contributed to the preparation of the reviews and subsequently to a very successful workshop. In particular, the Chinese Academy of Sciences, and Prof. Liu Dongsheng, the Chinese Board Member for ICIMOD, facilitated and participated in this collaborative exercise, and all concerned deserve our special thanks. The financial and logistic support provided by agencies such as the UNDP, Ford Foundation, and Asian Development Bank is gratefully acknowledged.

It is hoped that this report, along with the three others in the series, will serve as a step towards sensitising policy makers and development experts to the mountain perspective and as a step towards enhancing the relevance and effectiveness of interventions in mountain areas.

E. F. Tacke
Director