

About the Contributors

Azago Togogno, is an animal scientist with over 20 years of experience in university teaching, research, and extension and development-oriented activities. Currently, he is working as a Research Scientist at the International Livestock Research Institute (ILRI) based in Addis Ababa, Ethiopia. He has authored/co-authored over 70 scientific articles in the area of livestock production and management in the tropics.

Mahesh Banskota has an MA(Econ) from Delhi University and a PhD in City and Regional Planning from Cornell University. He was at ICIMOD in various capacities from 1984 to 2000 and was responsible for conceptualising, formulating, and organising the sustainable mountain development activities of the Centre in the Hindu Kush-Himalayan region. Prior to joining ICIMOD, he worked for the National Planning Commission, the Nepal Rastra Bank, the Centre for Economic Development and Administration, and the Nepal Administrative Staff College and provided expertise to ESCAP and UNFPA.

Jagdoosh Prashad Bhatti has an MSc in Agricultural Economics from GB Pant University, Pantnagar, UP, India and a PhD from the University of Hawaii, USA. He has been working in research related to natural resource management and has published some 70 research papers and 20 research projects. At present he is Professor in the Department of Economics, HP University, Shimla, India.

Alejandro Camino is a Peruvian anthropologist. He has an MA from Lic. Universidad Católica del Perú and a PhD in Anthropology from University of Michigan. At

present, he is Director General of the Center for Andean Regional Studies Bartolome de las Casas, in Cusco, Peru, and Chairman of the Himal-Andes Initiative. He is also a Professor at several universities in Peru and a visiting Professor abroad.

Jeroen Dijkman from the Netherlands works for the United Nations Food and Agriculture Organisation and is based at the International Livestock Research Institute headquarters in Addis Ababa, Ethiopia.

Rubon Darío Estrada is an agronomist working for the Consortium for the Sustainable Development of the Andean Ecoregion (CONDESAN). He has wide experience in animal production and economics. He is interested in ex ante analysis of the various factors that influence adoption using simulation models, with the aim of obtaining a better approximation of the constraints and benefits and of benefit distribution between producers and consumers.

Brian Dugdill is a British dairy scientist and technologist. He has worked for many years in Africa, Asia, and the Near East as a long and short-term consultant. He joined FAO Headquarters in Rome in 1999 as Technical Officer for Dairy and Meat.

Gunther Heinz from Germany is a veterinarian specialising in food of animal origin. He joined FAO Headquarters in Rome in 1987 as Senior Officer (Meat Technology and Hygiene) and since 1997 has been the FAO Regional Animal Production Officer at the Regional Office for Asia and the Pacific in Bangkok.

Mohammad A. Jabbar is an Agricultural Economist based within the Livestock Policy Analysis Programme of ILRI in Addis Ababa. His current research interests include policies for sustainable natural resource management, modelling watershed development, smallholder dairy production, marketing and demand, and gender and livestock.

Narpat S. Jodha has a PhD in Resource Economics and Agricultural Economics from Jodhpur University, Rajasthan, India. After completing his degree he concentrated on research and teaching, and moving to pure research from 1973 onwards. He worked in Africa and India before joining ICIMOD in 1987, where he has focussed on the management of common property resources in mountain ecosystems. He left ICIMOD in 1993 to work as Natural Resource Management Specialist at the World Bank and returned to ICIMOD in 1997 as Policy Analyst for the Mountain Enterprise and Infrastructure Division.

Carlos Leon-Velardi has a PhD in Animal Breeding from the University of Guelph, Canada. He has worked as an animal production specialist in Central America and the Caribbean with IICA-OAS and the Tropical Agronomic Research and Training Center (CATIE). At present he is working as an agricultural systems' analyst for the Centro Internacional de la Papa (International Potato Center) and the International Livestock Research Institute as part of the Consortium for the Sustainable Development of the Andean Ecoregion (CONDESAN). His work is related to research and coordination among institutions to improve crop-livestock systems in the Andes.

Hugo Li Pun from Lima, Peru, has an MSc and PhD in Dairy Sciences and Ruminant Nutrition from the University of Wisconsin, USA. He has worked for the past two decades in Panama, Colombia, Uruguay, and Canada at the Tropical Agronomic Research and Training Center (CATIE) and the International Development Research Center (IDRC). He is now Resident Director and Director of the Sustainable Production Systems Programme of the International Livestock Research Institute (ILRI) in Ethiopia. Recently he was nominated as the DDG of CIP.

Juhani Maki-Hekkonen from Finland has an MSc in Animal Genetics. Previously he was Head of the Cattle Breeding Department at the Finnish Animal Breeding Association (FABA), Helsinki, Finland. For the past seven years, he has been working as the Senior Officer and Leader of the Livestock Production Group under the Animal Production and Health Division (AGA) of FAO, Rome.

Victor Mares from Peru is a graduate in Animal Sciences from the National Agrarian University, La Molina, Lima, Peru. He has an MSc in Grassland Agronomy and Crop Science from the University of Wales, Aberystwyth, UK, and a PhD in Grassland Agronomy and Crop Science from the University of Guelph, Ontario, Canada. He has worked for the Tropical Agronomic Research and Training Center (CATIE) in Central America and is now an international consultant currently based in Panama.

Mohamed Aliyar Mohamed Saleem is an environmental agronomist with 30 years of experience in Africa. He has a PhD from the University of Ibadan, Nigeria. Since 1989, he has led ILRI's Highlands and Mountain Research Team in Addis Ababa. Recently, ILRI and ICIMOD agreed to cooperate on livestock research and development in the HKH and Central Asian and Caucasus regions, and Mohamed Saleem coordinates the activities on behalf of ILRI. He has authored close to 130 scientific papers.

Esther Iganau Njiru, has a PhD in Anthropology. At present, she is working as a Professor and Head of the Centre for Gender Studies at the University of Venda, South Africa. She has undertaken a wide range of research activities on varied topics such as conservation of mountain ecosystems; livestock in the African mountains; plant genetics; coping strategies; linkages between food, culture, and the environment; gender variables in agricultural technology and policy; and women's enterprises. She has played an active role in advocating and lobbying for women's rights as well as in gender training and sensitisation at national and local settings in Kenya.

Toj Partap, heads the Mountain Farming Systems' Division at ICIMOD. He is an ecologist specialising in agroecology and genetic resources. His past work as a researcher at the Himachal Pradesh University, Shimla and later in ICIMOD has focussed on neglected, underexploited genetic resources and their crucial role in sustaining mountain agriculture. His work is directed towards linking farmers' traditional technologies and modern research-based technologies.

Roberto Quiroz heads the Department of Production Systems and Natural Resources Management of the Centro Internacional de la Papa (International Potato Centre/CIP). He is also the coordinator of the CGIAR Global Mountain Program and leader of the CIP Project 'Sustainable Land Use in the Andes'. He has been conducting research into land-use systems, with a focus on developing methodologies to link process-based models with remote sensing and GIS to assess agricultural production on different spatial scales.

Kamal Rijal has a PhD in Energy, Economics and Planning from the Indian Institute of Technology, New Delhi, India, and an ME in Energy Technology from the Asian Institute of Technology in Bangkok. At present he is the Renewable Energy Specialist at the Mountain Enterprise and Infrastructure Division of ICIMOD. Before joining ICIMOD in 1995, he was Chief Technical Adviser for the UNDP/National Planning Commission Project 'Preparation of a Perspective Energy Plan for Nepal'.

Ranveer Singh has an MPhil and PhD in Agricultural Economics from HP University, Shimla. His areas of specialisation are farming management resource economics and agricultural marketing. He has written two books, published some 60 research papers in various national and international journals, and conducted about 26 research projects on agroecoeconomics in the western Himalayan region of India. At present he is a Research Officer at the Agro-Economic Research Centre, HP University, Shimla.

Vir Singh is an Associate Professor and In-charge of the Animal Science Department, Hill Campus, GB Pant University of Agriculture & Technology, Ranichauri, Tehri Garhwal, India. He has more than 20 years experience in teaching, research, and extension in the Himalayan mountains of India specialising in mountain livestock and fodder resources. He has written seven books and numerous research papers on various aspects of life and development in the mountains. He was granted an ICIMOD Research Fellowship to carry out a project on draught animal power in mountain agriculture.

Jimmy Smith is an Animal Scientist and Research Manager with over 20 years experience in international agricultural research and development. He has an MSc and PhD in Animal Sciences from the University of Illinois, Urbana, USA. He joined the International Livestock Centre for Africa (ILCA), now the International Livestock Research Institute (ILRI), in 1991. Currently, he is Research Manager and Coordinator of the Systemwide Livestock Programme (SLP) at ILRI's Headquarters.

Stovo Staal is an agricultural economist attached to ILRI's multi-disciplinary team studying market-oriented smallholder dairy systems, based in Nairobi, Kenya. He also contributes to the work of the Livestock Policy Analysis Programme of ILRI. His main research activities include spatial analysis of the factors driving intensification of smallholder livestock systems and transaction costs and policy in dairy marketing.

Julio Sumar from Peru has an MSc in Veterinary Obstetrics and Gynaecology from the Swedish University of Agricultural Sciences (Uppsala). He has served for several years in the Ministry of Agriculture in Cusco State of Peru. He has published numerous scientific papers and written two books on reproduction and genetic defects in alpacas and llamas. He has received much recognition and many awards for his work – including the National Veterinary Surgeons Medal awarded in 1993. Since 1995, he has been working as a private consultant on breeding and genetic improvement of South American camelids.

Mario Tapia was born in Ayaviri, a village in Peru located at 3,900 masl. He has a PhD in Range Management from Colorado State University, USA. At present he is working with the Global Mountain Program at the Centro Internacional de la Papa (International Potato Center) in Lima, Peru. He has published several books on rangeland management in the Andean Highlands and on the genetic resources and production of native Andean crops such as quinoa, cañihua, lupinus, and amaranths. In 1995, he received the National Prize for Innovation, COSAPI.

Nyima Tashi was born in Zha Nang County of Tibet. He has a PhD in Physical Geography from the Chinese Academy of Sciences, Beijing, under the Tibet Fellowship Programme supported by ICIMOD, Nepal. At present, he is Head of the International Collaboration and Training Centre and Research Centre for Tibetan Agricultural Resources and Environment Management, Tibet Academy of Agricultural and Animal Husbandry Sciences, Lhasa, Tibet, China. He is working on food security and agricultural resources and environmental management in the highlands of Tibet, China.

Pradeep Tulachan was born in the Trans-Himalayan district of Mustang in Nepal. He has an MSc from the University of Illinois and a PhD from Cornell University, USA. He has been working as a farm economist at ICIMOD since 1995. At present he is involved in various research projects including research into the main issues and options for marginal farms in the HKH (funded by ACIAR) and an eco-regional project funded by ISNAR under the ICIMOD Regional Collaborative Programme (RCP II).

Chandra Shokhar Valdya has been working at the Agro-Economic Research Centre, Himachal Pradesh University, Shimla, India, for the last 18 years in various capacities. He has wide experience of the special characteristics of hill economies and has worked on diverse issues such as horticulture and rural development. He has been associated with the evaluation and implementation of developmental projects in the state of Himachal Pradesh funded by international agencies like GTZ and USAID.

Anne Valle Zarate is Senior Professor and Director of the Institute for Animal Production in the Tropics and Subtropics and Head of the Section for Animal Breeding and Husbandry at Hohenheim University, Stuttgart, Germany. In the past, she has worked as a lecturer and researcher at the Universities of Berlin and Bonn, Germany, and at the Universidad Mayor de San Simon, Cochabamba, Bolivia.

Ralph von Kaufman has carried out research on rangeland development at the Institute for Development Studies, University of Nairobi. Previously he worked in Botswana and was the first manager of the Agricultural Credit Division of the Botswana National Development Bank. At present he is the Director for External Relations at ILRI Headquarters.

Alvaro Zapata Cadavid has an MSc in Renewable Energy and Environment from the University of Reading, England. He is a researcher currently working for CIPAV

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Zinash Silleshi holds a BSc and MSc in Animal Production and a PhD in Animal Nutrition. She has played a leading role in designing, implementing, and analysing various multi-national collaborative research projects. She has been the Director of Livestock Research at the Ethiopian Agricultural Research Organization (EARO) since June 1998 and is President of the Ethiopian Society of Animal Production and Vice-President of the Ethiopian Congress of Agricultural Science.

Percy Zorogastua is an agronomy engineer. He has an MSc in Crop Sciences with specialisation in Remote Sensing. Currently he is working as a Professor at La Molina Agrarian National University in Lima, Peru, and as a Research Assistant in a project on remote sensing and GIS in production systems and natural resource management at the Centro Internacional de la Papa (International Potato Centre), Lima, Peru.