

**Posters presented at the International Symposium:
Sustaining Food Security and Managing Natural Resources in Southeast Asia
- Challenges for the 21st Century**

POSTERS PRESENTED AT THE POSTER SESSION

A GIS-Based Environmental Information System (EIS) within a Combined Database Structure

Carsten Riedel, University of Hohenheim, Germany

Agriculture and Forestry in the Mountainous Region of Northern Vietnam: Its Role for Food Security and Natural Resource Management

The Dang Nguyen, Thai Nguyen University of Agriculture and Forestry, Thai Nguyen City, Vietnam.

A New Technology for the Mass Production of the Free-Living Nematode Panagrellus Redivivus, an Alternative Live Food for First Feeding Fish Larvae: A Contribution to the Improvement of Sustainable Seed Supply for Aquaculture

Christian Schlechtriem¹, Manuele Ricci², Ulfert Focken¹, Klaus Becker¹, ¹University of Hohenheim, Germany, ²BioTecnologie B.T, PG, Italy

An Investigation into the Relationship between Paddy Yield and Soil Nutrients in Malaysia

Kamaruzaman Jusoff, Swapan Kumar Roy, Universiti Putra Malaysia Serdang, Selangor, Malaysia

Balancing Production and Protection Aspects in the Vietnam's Uplands through Appropriate Agroforestry Development

Van So Nguyen, University of Agriculture and Forestry of Hochiminh City, Vietnam

Biodiversity Conservation - A Tool in Sustaining Food Security: An Analysis of the Philippine Situation

Corazon C. Sinha, , University of Western Sydney, New South Wales, Australia

Breeding Early Maturing Maize by Conventional Methods and Biotechnology

Stefan O. Peter¹, Wasana Wongyai², Peter Stamp¹, ¹ETH Zurich, Switzerland, ²Kasetsart University, Bangkok

Case Studies of 3 Innovative Strategies for Sustainable Food Security and Natural Resource Management in Villages of Central India

Ashok Bang, Niranjana Maru, Chetana-Vikas, Wardha, India

Communicating Information on Food Security and Managing Natural Resources in Rural Areas: Some Potential Avenues and Some Dead Ends

Chongchit Sripun Robert, G. Lamar Robert, Chiang Mai University, Thailand

Consequences of Pesticides Use and Weed Management to Arthropod Communities in Litchi Orchards in Northern Thailand

Peter Schütz¹, Joachim Sauerborn¹, Konrad Martin¹, Vichian Hengsawad², ¹University of Hohenheim, Germany, ²Chiang Mai University, Thailand

Conservation Tillage Strategies for Corn grown in Paddy Fields: Using On-Farm Research for Technology Transfer

Romeo V. Labios¹, Leonardo L. Tamisin¹, Jocelyn D. Labios¹, Cynthia M. Medina¹, Edicer P. Ocampo¹, Dennis M. Miciano¹, Jupiter Tividad², Jasper O. Manalo³, ¹University of the Philippines Los Baños, College, Laguna, Philippines, ²Office of the Provincial Agriculturist, San Jose, Mindoro Occidental, Philippines, ³Agricultural Sector, Monsanto Philippines, Incorporated, Alabang, Muntinlupa City, Philippines.

Development and Extension of Botanical Insect Control in Rice, Ban-en Village, Prae

Rachakorn U-Saeng, McKean Rehabilitation Center, Chiang Mai, Thailand

Economical and Ecological Impact of Farming Systems in the Lowland of Northern Thailand: Specialization versus Diversification

Hans Koegl¹, Paiboon Suthasupa², Wichit Uthaiwan³, ¹University of Rostock, Germany, ²Chiang Mai University, Thailand, ³Northern Veterinary Research and Diagnosis Centre, Lampang, Thailand

Effect of Below-Ground Interactions in Maize/Groundnut Intercropping System as Affected by Groundnut Genotypes

Sirip Subasinghe, R. Senaratne, ,University of Ruhuna, Sri Lanka

Effects of Postharvest Ripening Processes on the Quality of Dried Mango Slices Produced from Thai Mango Cultivars Nam Dokmai and Kaew

Busarakom Mahayothee¹, Sybille Neidhart², Werner Mühlbauer², Reinhold Carle², ¹Silpakorn University, Nakhon Pathom, Thailand, ²University of Hohenheim, Germany

Evaluation of the Nutritional Status of Soils and Lychee Trees of Orchards at Different Representative Sites in Northern Thailand

Sithidech Roygrong¹, Pittaya Sruamsiri¹, Fritz Bangerth², Volker Roemheld², ¹Chiang Mai University, Thailand, ²University of Hohenheim, Germany

Exploring Sustainable Land Use Options for District Planning in the Berau Regency, Indonesia

Stephan Mantel¹, G. R. Tyrie², A. Oosterman², ¹International Soil Reference and Information Centre, Wageningen, The Netherlands. ²Berau Forest Management Project, Jakarta 10270 Indonesia.

Farmer Field School for Sustainable Agricultural Development: A Myanmar Experience

Dau Lum, Gum Sha Awng, Humayun Kabir, Naw Ja, Metta Development Foundation, Yangon, Myanmar

Farmer Voice in Priority Setting for Sustainable Upland Maize Production Systems in Asia: A Seven-Country Assessment

Roberta V. Gerpacio, International Maize and Wheat Improvement Center, Manila, Philippines

Food Security: A Drive Towards Self-Sufficiency in Production of Paddy in Assam

Kishor Goswami, Bani Chatterjee, Indian Institute of Technology Kharagpur, West Bengal

Food Security and Sustainability of Natural Resources in Maize Based Systems in S.E. Asia: Challenges and Prospects

Joel Ransom¹, Roberta Gerpacio², Fernando Gonzales Cenicerros³, ¹International Maize and Wheat Improvement Center, Kathmandu, Nepal, ²Manila, Philippines, ³Bangkok, Thailand.

Food Security in a Conflict Affected Society - The Integrated Food Security Programme Trincomalee, Sri Lanka

Dedo Geinitz, Integrated Food Security Programme Trincomalee, Sri Lanka

Food Security of The R'mam in Vietnam

Xuan Tinh Vuong, Institute of Ethnology, Hanoi, Vietnam

Herbicide Resistance and Sustaining Food Security in South Asian Rice Culture - A Case Study

Ravi Sangakkara¹, Karl Hurle², B. Rubin³, ¹University of Peradeniya, Sri Lanka, ²University of Hohenheim, Germany, ³Hebrew University of Jerusalem, Rehovot, Israel

How does Spousal Education Matter? Some Evidence from Cambodia

Tomoki Fujii, Sophal Ear, University of California, Berkeley, USA

How to Encourage Sustainable Use of Natural Resources in Song Da Watershed?

Tuong Van Nguyen, Song Da Social Forestry Development Project, GTZ/GFA, Hanoi, Vietnam

Impact of Green Manuring on Sustainable Maize Production

Ravi Sangakkara¹, W. Richner², P. Stamp², ¹University of Peradeniya, Sri Lanka, ²ETH Zentrum, Zurich, Switzerland

Improvement of Soil Quality in Degraded Lands Through Rainforestation Farming

Victor B. Asio, Paciencia P. Milan, Leyte State University, Baybay, Leyte, Philippines

Investigation of the Performance of a Solar Dryer for Lemon-grass

Serm Janjai¹, W. Chantaraksa², J. Hirunlabh², A. Esper³, M. Lauer³, Werner Mühlbauer³, ¹Silpakorn University, Chiang Mai, Thailand, ²Kingmongkut's University of Technology, Thonburi, Thailand, ³University of Hohenheim, Germany

Irrigation Systems in Lychee Production - an Interdisciplinary Approach of Comparison

Angela Maria Hau, Klaus Spohrer, University of Hohenheim, Germany

Local Knowledge of the Thai People in NTFPs Management in the Mountainous Areas of Nghean Province, Vietnam (Case Study: Using of Medicine Plants of the Thai People)

Van Son Hoang, Tran Dinh Quang, Thi Hanh Nguyen, Vinh University, Vietnam

Main Activities of Some Rural Development Projects Through Supporting Poor Women in the Mekong Delta, Vietnam

Thi Nghiem Nguyen, Can Tho University, Vietnam

Managing Natural Resources: A) Water & Soil Resources through Field-Based Watershed Management, B) Crop-Biodiversity as a Resource to Sustain Food Security.

Niranjana Maru, Ashok Bang, Alternative Agriculture Resource Centre, CHETANA-VIKAS, Wardha, India.

National Working Group on Community Forest Management in Vietnam

Hai Nam Nguyen, Song Da Social Forestry Development Project, GTZ/GFA, Hanoi, Vietnam

Natural Resource Conservation for Sustainable Food Security in the Western Himalayas

Harinder K. Chaudhary, G.S. Sethi, CSK HP Agricultural University, Palampur, India

Optimization Study of Combined Pretreatment Method of Dried Mango.

Nattaya Konsue, Pairote Wiriyacharee, Lakkana Rujanakraikarn, Chiang Mai University, Thailand.

Plant Protection and Crop Improvement by Somatic Hybridization

Satyabrata Sarkar¹, H. Ninnemann², Liselotte Schilde-Rentschler², ¹University of Hohenheim, Germany, ²University of Tuebingen, Germany

Policy Implications of Different Land Use Options for Smallholder Farms in Imperata Grasslands

Damasa B. Magcale-Macadog, University of the Philippines, Los Baños, Philippines

Possibility for improving quality of fruit juices and drinks from tropical fruits by homogenisation and addition of pectin

Sybille Neidhardt, M. Reiter, M. Mensah-Wilson, G. Stemmer, C. Braig, S. Sevinc, Reinhold Carle, University of Hohenheim, Germany

Preservation of Essential Micronutrients in Mango (*Mangifera indica* L.) and Lychee Fruits (*Litchi chinensis* Sonn.) by Drying

Isabell Pott, Sybille Neidhardt, Werner Mühlbauer, Reinhold Carle, University of Hohenheim, Germany

Seed Coating for Hygiene Vegetable and Organic Farms

Panie Tongpamnak, K. Sankaha, W. Amornsak, Kasetsart University Research and Development Institute, Nakhon Pathom, Thailand

Self-Employment of Micro and Small Entrepreneurs in Urban Northern Thailand after the ASIAN Crisis – A Private Social Safety Net

Klaus Peter Dickhoven, Gertrud Buchenrieder, University of Hohenheim, Germany

Sources of Income Inequality and Poverty Incidence of Agricultural Households in Northern Thailand

Somporn Isvilanonda, Nalinee Varana, Kasetsart University, Bangkok, Thailand

Sustaining Food Security and Managing Natural Resources in South Asia – Changes for the 21st Century

Gaddam Pullaiah, Royal Seema Watershed Development Programme, Cuddapah, India

Thai Business Initiative in Rural Development (TBIRD)

Sunida Chittanond, Population and Community Development Association, Bangkok, Thailand

The PDA Water Resources Development and Environmental Sanitation Project, Sky Irrigation Project and Conservation of Environment and Natural Resources Project

Sunida Chittanond, Population and Community Development Association, Bangkok, Thailand

The Suitability of Thai Mango Varieties for Solar Drying

Isabell Pott¹, Stefanie Konrad², Werner Mühlbauer¹, Pairote Wiriyacharee³, Reinhold Scherer², ¹University of Hohenheim, Germany, ²University of Applied Sciences Fulda, Germany, ³Chiang Mai University, Thailand

Water Resources Allocation Management: The Efficiency of Water Used in the Chao Phraya and Mae Klong Basins, Thailand

Sombat Sae-hae, Acharee Sattarasart, Thailand Development Research Institute Foundation, Bangkok, Germany

WOCAT as a Tool for Effective Planning, Monitoring and Evaluation of Soil and Water Conservation Practices: A Case of the Philippines, Thailand and China

Romeo V. Labios¹, Jose D. Rondal², Samran Sombatpanit³, Yang Xuezheng⁴, Wang Weiming⁴, Hans Peter Liniger⁵, Gudrun Schwilch⁵, Godert van Lynden⁶, ¹University of the Philippines Los Baños, College, Laguna, Philippines, ²Department of Agriculture, Diliman, Quezon City, Philippines, ³World Association of Soil and Water Conservation, Bangkok 10230, Thailand, ⁴Fujian Soil and Water Conservation Center, Fuzhou, Fujian Province, China, ⁵University of Bern, Switzerland, ⁶International Soil Reference and Information Centre, Wageningen, The Netherlands.