

EFARD Conference: List of Parallel Sessions and Contributions

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1 Soil and Water Management

Subsession 1a: Linking Agriculture and Forestry to Management of Natural Resources

Oral Presentations

M. Brockhaus

The Policy Arena for Equitable and Peaceful Natural Resource and Conflict Management in Burkina Faso: A Network Analysis

B.K. Dhital, C.L. Paudel, N.P. Rajbhandari, S. Schulz

Diffusion of Improved Sustainable Soil Management Practices through Innovative Extension Approaches: Experiences from SSMP, Nepal

F. Herzog, C. Dupraz

Agroforestry in Europe – Learning from Tropical Agroforestry

J.A. McNeely

Linking Agriculture and Biodiversity to Achieve the Millennium Development Goals

U. Niggli

Organic Farming and Natural Resources: Consumption, Sustainable Use or Enhancement?

Poster Presentations

D. Ebersberger, R. Doluschitz, J. Zhang, F. Zhang

Modeling Material Flows and Production Systems for Sustainable Resource Use in Intensified Crop Production in the North China Plain

H. Kouadio, A. Tschannen, D. Dao, Ch. Lambot, K. Pondo, O. Girardin, A. Assa

Economic and Environmental Sustainability of Cassava Production for the Food Industry in Côte d'Ivoire

E.C. Matthews-Njoku

Land Management Through Agroforestry for Sustainable Agriculture in Southeastern Nigeria

E.O. Nuesiri

As Sweet As Honey – Apiculture, Agro-forestry and Poverty Alleviation in Cameroon

S.A. Rahman, M.F. Khandaker

Sustainable Agriculture for Poverty Reduction through Agroforestry Initiatives: Bangladesh Experience

C. van Hezik, W. Yu

Integration of Bioenergy Production in Agricultural Activities in China: The Road to Rural Development?

E.F. Wirsiy

Conservation Agriculture: A Viable Tool for Forest Conservation. Experiences of Small-holder Farmers in the Mount Cameroon Region

1 Soil and Water Management

Subsession 1b: Land and Water Management for Sustainable Agriculture and Forestry

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M. Becker, A. Bürkert, C. Hülsebusch, E. Schlecht, R. Wassmann
Vulnerability and Use of Wetlands in Sub-Saharan Africa

G. Mridha, O. Batelaan
Groundwater Modelling for Management – A Case Study in Bangladesh

M.N.N. Soua, J. Gockowski, R.E. Brumett
Small-Scale Fish Farming: an Opportunity to Enhance Sustainable Agriculture

H. Spiertz
Water Use Efficiency in Management of Water and Nutrients

B. Upadhyay, K. Bhattarai
Water Management for Sustainable Agriculture: Examples from India and Nepal

Poster Presentations

H. Daniel, P. Mollinga
Water Control and Livelihood Strategies in Rod Kohi Area of North West Frontier Province of Pakistan

N. Israel
Understanding Soil Moisture and Water Availability Conditions for Sustainable Crop Management of a Semi Arid District, Nellore of Andhra Pradesh, South India

C. Martius, J. Lamers, P. Mollinga, P.L.G. Vlek, R. Eshchanov
Economic and Ecological Restructuring of Land and Water Use in the Region Khorezm, Uzbekistan – A Project in Development Research

R.K. Neupange
Increasing the Efficiency of Water Drops Through the Use of Drip Irrigation for Vegetable Cultivation in Dry Season

B. Ramani, T. Reeck, R. Stelzer, A. Schmidt, J. Papenbrock
Halophytes for the Future

A. Reyna Zaconeta
The Water Harvest Like Means for Food Production with Families in the Bolivian Andean Valley

G. Schwilch, HP. Liniger
Addressing Knowledge Gaps in Soil and Water Conservation – The WOCAT Approach

R.K. Sharaiha, A. Battikhi
Okra / Pea Intercropping – Microclimate Modification and Yield Advantages

U. Thapa, P. Ghanti, S.H. Ansary
Effect of Irrigation and Nitrogen Fertilization on Growth, Development Yield and Quality of Pumpkins (*Cucurbita moschata* Poir)

L. Verchot, K. Shepherd, B. Vanlauwe, J. Lynam, M. Swift
Opportunities and Challenges for Improved Soil Fertility Management in Sub-Saharan Africa – A Call to Action

2 Plant and Animal Resources

Subsession 2a: Conservation and Improvement of Plant Genetic Resources

Oral Presentations

M.L. George, S. Zhang, X. Li, G. Pan, W. Li, N.N. Singh, B.M. Prasanna, M. Dahlan, F. Kasim, Sutrisno, E. Sales, E. Magulama, P. Grudloyma, P.X. Hao, V.D. Quang, D. Jeffers, M. Warburton, J M. Ribaut, D. Hoisington

Creating Collaborative Advantage for Maize Improvement: The Asian Experience

G. Hawtin

Global Crop Diversity Trust: A Foundation for Food Security

T. Anjum Khan, S. Wani, N. Zeerak, G. Zaffar

Collection and Conservation of Agro-Biodiversity of Jammu and Kashmir State (India) to Harness Genetic Resources in 21st Century

S. Salvi, R. Tuberosa

Genomics Approaches to Improve Food Security and Agriculture Sustainability in Developing Countries

G. Schachermayr, K. Jenny

The Indo-Swiss Collaboration in Biotechnology: Our Contribution to the Improvement of Pulse Production in India

Poster Presentations

D.P. Biradar, M. Wilkinson, H.D. Jones

Optimization of Regeneration and Development of Transgenic Wheat Using Mature Seeds Through a Biolistics Approach

R. Bocci, M. Broggio, E. Chiapparino, T. Chiari, M.F. Nonne

Conservation Through-Use of the Agro-Biodiversity as a Sustainable Development Strategy: The Experience of the Biodiversity Group, Istituto Agronomico per l'Oltremare (IAO), Italy

G. Chacón, C. Gessler, G.A. Forbes

Phytophthora Infestans in the Highland Tropics of Ecuador – The Other Faces of This Well Known Potato Pathogen

D.L. Danial, P. Lindhout

The Use of Agro Biodiversity in Breeding for Durable Disease Resistant Food Crops in the Andean Region

A.O. Giwa, G.O. Adedayo, M.M. Ayodola

Underutilized Plant Species of West Africa (Nigeria)

F.A. Krens, J.G. Schaart, G.J.A. Rouwendal, H.J. Schouten, E. Jacobsen

Exemption from GMO-Regulation Possible by Using Clean Vector Technology and Cis-Genesis for Crop Improvement?

M. Padmanabhan

Integrating Gender in Analytical Frameworks for Institutional Analysis – The Case of Agro Biodiversity and Management

P. Zhang, H. Vanderschuren, M Stupak, W. Gruissem

Contribution of Cassava Biotechnology on Sustainable Development in Tropical Agriculture

2 Plant and Animal Resources

Subsession 2b: Sustainable Livestock Systems

Oral Presentations

R.H. Bosma, R. Roothaert, W. Stür, J. Samson

Benefits of New Forage Technologies for Sustainable Land Use and Poverty Alleviation

H.D. Hess

Research in Tropical Livestock Nutrition at ETH: Contribution to ZIL's Priority "Livestock Systems Research in Support of Poor People"

M.D. Motiang, L.E Matjuda, R.Clark, B.N. Nengovhela

Achieving Sustainable Livestock Systems Through Partnerships: A Case Study of Farmer Teams in Limpopo and North West Provinces of South Africa

C. Wollny, A.G. Drucker, W. Ayalew, O.D. Koudande, L. Gizachew, B. Kaufmann, G. Haro

Improving the Livelihoods of Poor Livestock-Keepers through Community-Based Management of Indigenous Farm Animal Genetic Resources in Africa

I.A. Wright, G.R. Davidson, N. Malmakov

The Re-emergence of Flock Mobility in Kazakstan: Impacts on Fodder Requirements and Animal Performance

Poster Presentations

U. Janssen-Tapken, Y. Li, H.N. Kadarmideen

Sustainable Cattle Breeding Schemes to Improve Livelihoods of Resource-Poor Farmers in Eastern Africa

E.A. Meili

Low Input Milk and Beef Production in Organic Farming

B. Miscevic, R. Lazarevic, S. Aleksic, M. Petrovic, S. Josipovic

Cattle Breeding and Consumer Demand for High Quality Beef Meat

M. Nori

Milking Drylands: Gender Networks, Pastoral Markets and Food Security in Stateless Somalia.

R.K. Sharma

Role of Traditional Family Poultry in Rural Development in Developing Countries with Special Reference to India

W. van Weperen

Developing and Promoting Sustainable Dairy Production Systems with Dairy Farmers from Drenthe Province, Netherlands

M. Wurzinger, D. Ndumu, R. Baumung, A. Drucker, O. Mwai, J. Sölkner

Bahima Pastoralists and the Longhorned Ankole Cattle in Uganda

3 Land Use and Planning

Subsession: Modelling Approaches for Simulation of Land Use and Management

Oral Presentations

A. Heinemann

From Pattern to Process - Identifying the Proximate Causes for Land Cover Change in the Lower Mekong Basin

M. Langensiepen

Application of Modelling in Agricultural Research and Education

M. Ngobo, S. Weise

Land Use Mosaic Approach to ARD at the Forest Margins: Integration of Lessons from ASB and STCP in the Congo Basin

C. Studer, F. Haeni, A. Staempfli, H. Porsche, C. Thalmann

RISE - Response-Inducing Sustainability Evaluation

R.P. Roetter, C.T. Hoanh, J. Wolf, I. Abu Bakar, A. Tawang, M.K. van Ittersum, N. de Ridder, M.M van den Berg, A.G. Laborte

Modelling Agricultural Development Options for the Kedah-Perlis Region, Malaysia

Poster Presentations

K.C. Krishna Bahadur

Spatial Differentiation of Resources Degradation and Socio-Economic Development along the Altitudinal Gradients: A Case of Mountainous Watershed in Nepal

S. Elfkih

Application of a Multiple Criteria Decision Making Methodology to Evaluate the Socio-Economic and Environmental Impact of the New CAP: Repercussion on the Agriculture in the Region of Aragon (Spain)

R. Schöll, C. Binder

Strategies for Optimizing the Use of Pesticides: Integrating Decision-Making Models with Fate Analysis and Risk Assessment Case Study: Vereda la Hoya, Tunja, Colombia

A. Di Gregorio, P. Sarfatti, G.V. Laurin

The Global Land Cover Network: Innovation and Experiences in Land Cover Mapping for ARD and Land Use Planning

4 Rural Development

Subsession 4a: Rural Innovation, Traditional Knowledge Systems, Capacity Building and Extension

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J. Deckers, M. Behailu, M. Behailu, T. Tadesse, J. Nyssen
New Hope to Fill the Food Basket in the Drylands of Ethiopia

J. de Graaff, A. Aklilu, F. Bodnar, A. Kessler, H. Posthumus, A. Tenge
Adoption of Soil and Water Conservation Measures

M. Holderness
Reconciling Science and Society in Rural Innovation

D.M. Jansen
Registration of Crop Management to Improve Environmental and Economic Performance of Coffee Cultivation in Huong Hoa District, Vietnam

D. Patil
Integrated Sustainable Agriculture Process Towards Reengineering Rural Life - Case in India

Poster Presentations

K. Beelen, J. Lieshout
Web-based Information Services for ARD: WISARD

B. Krishnan, J.G.F. Lieshout
RWC-PRISM – Agricultural Information Service for the IGP

L.C. Malicsi
Factors Contributing To Successful Sustainable Farming Adoption Among Selected Farmers in the Philippines

M. Naga
Agricultural Information Communication and Adoption of Agricultural Innovative Practices in Rural Areas of North East India: A Case Study

O.L. Oliveros
Project Duras: Promoting Sustainable Development in Agricultural Research Systems in the South

V. Miéville-Ott, O. Roque, P. Fleury, G. De Ros, M. Schermer
Sustainable Agriculture in the Alps: A Participatory Approach in Four Alpine Regions of Austria, France, Italy and Switzerland

N.B. Serkfem
Multi-Sectorial Participation and Educational Approaches: A Necessity in Promoting Innovative Agricultural Technologies as in Conservation Agriculture in the Mt. Cameroon Region

C. Wollny, T.N. Ngwira, P. du Toit, A.N.P. Thapisa
Towards Efficient Capacity Building: The Case of the Higher Education Quality Management Initiative in Southern Africa (Heqmisa)

R. Zarrauz
Linking the Rural Actor to Agricultural Research as a Key Element for Development

4 Rural Development

Subsession 4b: Rural Development and Agriculture for Poverty Alleviation

Oral Presentations

D. Abdulkadir

The Cactus (*Opuntia ficus-indica*) Production & Processing Initiative: A Programme for Enhancing Wealth Creation and Improving Food Security in Tigray Regional State, Northern Ethiopia.

M.S. Ashok

Research and Services for Rural Poor: Specific Experiences in India

B. Kapange

Contribution of Agricultural Research and Development in Poverty Alleviation: A Case of Tanzania

S.N. Odurukwe

Agriculture and Rural Development: Relevance for Poverty Alleviation in Nigeria.

R. Wyrwinski

Non-Farm Employment as a Panacea for Rural Destitution? Livelihood Diversification in Guatemalan Peasant Households and its Poverty Impacts

Poster Presentations

S.O. Akinbile

Rural Development and Agriculture for Poverty Alleviation

I. Häuser, T. Dufhues, G. Buchenrieder

The Poor in Northern Vietnam – The Pros and Cons of Different Poverty Measurement Methods

5 ARD in a Globalised World Economy

Subsession 5a: Land Reform and Agricultural Reorientation in Countries in Transition

Oral Presentations

N. Açıkgöz

Remodelling Crop Production Strategies in Transition Countries: An Analysis of Seed Issues

C. Kleps, I. Doucet, A. Popescu

A Good Agriculture-Biodiversity Relationship by the Promotion of Environmentally-Friendly Agricultural Practices – Romanian experience

A. Grigoryan

The Influence of Privatization of Land on Agricultural Production

J. Wright

Falta Petroleo! A Nationwide Transformation Toward a More Ecological Agriculture for Food Security in Cuba

A. Lissitsa, S. Rungsuriyawiboon, D.P. Rao

Efficiency and Growth in Agriculture of Transition Countries - A Multifactor Productivity Analysis for 1993-2003

Poster Presentations

D. Egamberdiyeva, L. Gafurova

Development of Wheat Production in Uzbekistan

N, Nadiradze

Problems of the Land Erosion and Land Reform in Georgia

S.R. Sanginov

Land Reform and Agricultural Reorientation in Tajikistan

Sh. Gaisina, C. Fuchs, V. Bychkov

Development of Land Market in Selected Countries – The Cases of Kazakhstan, Russia Federation and Selected EU-Countries

D. Kapanadze, R. Asatiani, E. Sarishvili

Reorienting a Post-Soviet Agricultural Research Institute towards Demands of Rural Development in a Market Driven Setting

Y. Wen, C. van Hezik

Land Reform, Labor Migration and Agricultural Production: Agricultural Machines Are Indispensable for the Economic System Transition in Rural China

5 ARD in a Globalised World Economy

Subsession 5b: Agricultural Market Integration, Subsidies and World Trade

Oral Presentations

D. Belgasmi

Food Aid in the Context of WTO: Production, Subsidies and International Trade

A. Devaux, T. Bernet, M. Ordinola, A. Guidi, C. Velasco, G. Lopez, K. Manrique, G. Thiele

Challenges of Globalization for Andean Potato Farmers: The Participatory Market Chain Approach

E. Guardia

SIBTA: A Bolivian Model for Technological Innovation in Agriculture

R.B. Jones, M. Siambi, C.E. Dominguez

Stimulating Seed Demand Through Linking Smallholder Farmers to High-Value Markets

H. Omont

Mobilization of European Research behind Sustainable Commodity Crop Initiatives

J. Zimmermann

WWF-Business Partnerships: Supporting Global Proliferation of Sustainable Agriculture

Poster Presentations

M. Buerli, A. Aw-Hassan, Y. Lalaoui Rachidi

Marketing Opportunities of Mountain Products from the High Atlas in Morocco for the Rural Poor

K. Cordova Pozo

Global Commodity Chains and Development - Case of Quinoa from Bolivia

S. Khorana

Transfer Efficiency and Welfare Effects of Trade under Tariff Rate Quotas and Single Preferential Tariffs: Case study of Switzerland

K.Mahmood, A. Saha, O. Gracia, T. Hemme

Economic Situation of Small Scale Dairy Farms in Developing Countries

I. Schluep Campo

The Flexible Swiss Formula: A Solution to the Market Access Dilemma

B. Strasser

Income Generating Strategies and the Role of the Local Institutional Setting: A Case Study of Natural Rubber Smallholders in Kerala, South India

6 Food Issues

Subsession 6a: Food Quality, Food Safety and Trade Regulations

Oral Presentations

P. Cannon

How Can Europe Support the Sanitary and Phytosanitary Needs of Developing Countries?

H. Dreyer, G. Fleischer

IPM Europe: The European Network for Integrated Pest Management in Development Cooperation

M.E. Schuppers, E.L. Mumford, U. Kihm

Integrated Capacity Building for Sustainable Food Safety and Market Access

N.J. Spence, J.M. Lenne, D.A.C. Pink, J. Njuki, C. Wanyonyi, P.M. Kimani

Opportunities and Constraints for Future Economic Development of Sustainable Vegetable Seed Businesses in Eastern and Southern Africa

Poster Presentations

W. Gassert

IMP Europe Task Force on Food Quality and Safety

A. Sirbu

Food Safety Concerns in Bakery Field with Romanian Background

6 Food Issues

Subsession 6b: Food Security and Human Nutrition

Oral Presentations

A. Abifarin

Poverty Alleviation in Africa through Food Security Development Programs of World Vision International Africa Region

J. Ganry

Horticulture and Horticultural Sciences - A Challenge for Developing Countries

C.I. Speranza

Droughts and Famines: The Underlying Factors and the Causal Links among Agro-Pastoral Households in Semi-Arid Makueni District, Kenya

U. Kuhlmann, M. Grossrieder, B. Kiefer, R. Fasnacht, S.I. Kang

Development of Sustainable Plant Protection Tools for Cabbage Production Contributes towards Food Security in DPR Korea

M. Tapio-Biström

Food Security and AIDS-Strategies for Developing Countries and International Organisations

Poster Presentations

F.R. Badenes-Perez, A.M. Shelton

Pest Management Techniques Adapted to Farmers' Needs? The Case of Trap Crops to Manage Diamondback Moth in Developed and Developing Countries

G. Flachowsky

Area Need for Human Nutrition under Consideration of Plant and Animal Yields as well as Consumption of Protein of Animal Origin

C. Kouamé, P. Zohouri, H. Yao, K. Diomande

Sustaining the Production of Staple Food Crops through Agricultural Research and Market Development

J.C. Palaikudy

Agriculture and Nutritive Food in Developing Countries

N. Parrot

Organic Farming in the 'Developing World': Aligning Southern Practices to Northern Perspectives or vice versa?

M.E. Rugumire

Food Security Challenges in Uganda and Rwanda; The Case for Biotechnology

R. Ulloa

Food Security in the Dominican Republic: An Institutional Analysis