

Annex 1

List of 2nd Cycle CP Pre-Proposals

Climate change, agriculture and food security

- Pre-proposal for Challenge Program on Climate Change, agriculture and food security (J. Ingram, *Environmental Change Institute, UK*)
- Climate Change Impacts and Adaptation: Needs for Agriculture, Sustainable Ecosystem Goods and Services and Food Security in North African countries (Algeria, Egypt, Morocco and Tunisia) (*Abdellatif Khattabi, National School of Forestry Engineering, Morocco*)
- Integrated landscape management for improved livelihoods and development of strategies for mitigation of climate change effects (*Matee Bekunda, Makerere University, Uganda*)
- Challenge Programme On Climate Change, Agriculture And Food Security In The Republic Of Angola And The Democratic Republic Of Congo (*IAA-World Vision, Angola*)
- Carbon Trading Research Project: Effectiveness of carbon trading in Kenya (*Faith Mbushi, Youth Alive! Kenya*)
- Climate change, agriculture and food security (*FAO Regional Office for Asia and the Pacific*)
- Transformation of sunflower for drought tolerance – evaluation of the transformats for oil yield and value additions (*Ahmed El Sharkawy, Genetic Engineering Research Center, Cairo University, Egypt*)
- Sustainably enhancing crop production to improve food security: An integrated approach (*N. Mayaba, Agricultural Research Council – Vegetable and Ornamental Plant Institute, South Africa*)
- Climate Change, Agriculture and Food Security (*Agbola Oluwafemi, Babcock University, Nigeria*)
- Development of improved drought tolerance cowpea varieties using classical breeding and molecular techniques (*P.E. Lukhule-Olorunju, Agricultural Research Council - Grain Crops Institute, South Africa*)
- To Promote Member Organisations' Engagements In Climate Change Mitigation And Adaptation (*Participatory Ecological Land Management, Uganda*)
- Promotion of organic farming for food security and greenhouse gas (GHG) reduction in Uganda (*Pilot International Ltd.*)
- Reduction of Methane and Nitrous Oxide Emission and Climate Change Impacts on Rice Cropping in Thailand (*S. Ranamucharachichi, Asian Institute of Technology*)
- Investigación participativa de los efectos y posibles alternativas de solución sobre la contaminación minera de la cuenca del río pilcomayo en comunidades de chuquisaca y defensoría ambiental, para la lucha contra la desertificación (*Leonor Castro Mercado, La Asociación Sucrense de Ecología, Bolivia*)

Combating desertification (dryland degradation)

- Oasis (*ICRISAT, ICARDA*)
- Dryland degradation assessment and combating desertification (*International Center for Biosaline Agriculture*)
- Promoting effective participation of civil society organisations in combating desertification and land degradation (*NGO network on sustainable land management, c/o PELUM, Uganda*)
- Reforestation and revitalization of the dry land areas using the eco-system approach (*Uganda Environmental Education Foundation*)

High-value crops (fruits and vegetables)

- Challenge Program: High-Value Crops - Fruit and Vegetables (*AVRDC*)
- Development of Pathogen-Free and Certified Fruit Tree Plant Propagation Materials in Sub Sahara Africa, the Middle East and South Asia (*A. Abdel Basewt Ahmed Shalaby, Plant Pathology Research Institute, Agricultural Research Center, Egypt*)

- Turning adversity into opportunity – Safe and productive use of wastewater for high value crop production (*International Center for Biosaline Agriculture*)
- Promoting market-oriented high-value fruit trees, vegetables and herbaceous species through local Institutions in Central high- and midland of Ethiopia (*Alemeyehu Negassa, Forestry Research Center, Ethiopia*)
- Agribusiness and Livelihood through Micro Financing by Self Help Groups in Watershed Programme, India (*A. Malaisamy, Tamil Nadu Agricultural University, India*)
- Key gaps in information base technologies in the production of high value crops by small scale farmers in Tanzania (*Elizabeth Maeda, Ministry of Agriculture food Security and Cooperatives, Tanzania*)
- Evaluation of indigenous fungicidal wax emulsions in prolonging the shelf-life of fruits (*Nigerian Stored Products Research Institute, Nigeria*)
- Management of Huanglongbing (HLB) and Tristeza diseases of Citrus and their vectors through Integrated Approach (*Florence Olybayo, University of Nairobi, Kenya*)
- Enhancing the production of healthy fruits for increased income generation and better livelihood (*A.A. Idouu, National Horticultural Research Institute, Nigeria*)
- Wastewater reuse for irrigation to improve food security among the peri-urban communities in Zimbabwe (*Sharon S. Murinda, Institute of Water of Sanitation Development, Zimbabwe*)

Other

- Small holder dairy development and its implications for rural poverty alleviation in Zimbabwe (*Allan T. Majuru*)
- Underutilized plant species in Indonesia, need attention to identified to empowered the poor family farmer (*Asian Farmers Regional Network*)
- Organic Farming Promotion through Training and Information Sharing for Food, Nutrition and Income Security (*Community Sustainable Development Empowerment Programme, Kenya*)
- Adaptive capacity of fringe communities to forest fires in Ghana (a case of Afram headwaters forest reserve fringe communities) (*Emmanuel Amoah Boakye*)
- Efficacy of onion, garlic powder, and sodium nitrite as meat preservatives (*Lucy Gicuku Njue, Kenyatta University, Kenya*)
- Valorization of D. Schimperiana yam. An approach for the food security and the fight against vitamin A deficiency in Cameroon (*Marlyse Leng, University of Ngaoundéré, Cameroon*)
- Effects of different types of organic manure on tomato (*Lycopersicon esculentum* M.) varieties in Benue State, Nigeria (*N.I. Odiaka*)
- Production of edible mushrooms from agricultural wastes: it's cultivation, utilization and processing for food and income generation in Tanzanian rural communities (*P.S. Mamiro, Sokoine University, Tanzania*)
- Enhancing the impact of research for development a pilot competitive grants program to support innovative partnership and projects (*Paul Kalamya, Nambala Widows Association Tree Planting and Agroforestry Project, The Environmental Conservation Trust Uganda*)
- Health risks reduction of organophosphate pesticide formulations used in agriculture and public health (*S. Ranamucharachichi, Asian Institute of Technology, Thailand*)
- Socio-economic and environmental considerations for promoting Jatropha as a crop for poverty reduction and biofuel production in the central Vietnam (*Vo Vang Phong*)