



## CIFAL Jeju - Agricultural Innovation for Food Security and Environmental Sustainability

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☐☐ : Workshop  
 ☐☐ : Hanoi, Viet Nam  
 ☐☐ : 3 4☐ 2018 to 5 4☐ 2018  
 ☐☐ : 3 Days  
 ☐☐☐☐ : Decentralize Cooperation Programme  
 ☐☐ : <http://cifaljeju.org>  
 ☐☐ : US\$0.00  
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 ☐☐ : Asian Development Bank Institute, UN Environment, Jeju Special Self Governing Province, SWITCH-Asia

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In recent years, developing countries, China and India in particular, have been working hard to provide enough food for their explosively increasing populations; consequently, the agricultural sectors of those countries have achieved outstanding progress in satisfying their growing populations' nutritional needs. At the same time however, their land and water resources, which form the

foundation of any sustainable and self-sufficient food supply, are being used at an unprecedented rate. This has created a situation in which many developing countries' natural resources are either in a state of depletion or on the verge of complete exhaustion. Moreover, they are now facing the secondary problem of paying for the increased environmental and health costs that arise as a by-product, like air pollution, desertification and surface runoff.

If the developing countries keep up this pace of natural resource usage, with their increased domestic demands, agricultural self-sufficiency will ultimately decrease to the point of threatening their food security. Therefore, an analysis of the current trends in agricultural technological innovation is urgently needed in order to devise appropriate strategies to tackle imminent problems and issues.

It is recommended that developing countries should take notice of the following points: (i) technology is the key to sustainable production and consumption; (ii) self-innovation in agricultural technology is a 'must' to move away from the tendency to excessively rely on developed countries for assistance; (iii) focusing on the increase of technology-oriented production is requested; and lastly (iv) the reformation of agricultural technology and mechanisms will bring sustainable agricultural development. On the other hand, it was found that the main hindrances in agricultural technological development are: (i) the lack of awareness regarding agricultural technological innovation; (ii) absence of effective methods to disseminate agricultural technology; and (iii) limitations in pursuing technological innovation.

Based on the above observations, capacity building training for government officials and civil society leaders in the Asia-Pacific region is required. This upcoming workshop will provide the participants with approaches and strategies for (i) agricultural technology policy establishment and implementation; (ii) research and development for agricultural input industry; (iii) investment in production line and research clusters; (iv) expansion of joint research projects and exchange of agricultural experts; and (v) devising of cooperation programs for effective global exchange.



This workshop aims to enhance participants' knowledge of theory and practice of agricultural innovation, food security and environmental sustainability. The workshop program allows participants to listen to and learn about international trends from experts actively engaged in these fields.



To enable participants to:

- gain knowledge on modern trends and theories and how they could be applied to policies;
- understand the implication of food security for socio-economic stability;
- anticipate and assess the risks and opportunities for the use of environmental technologies in different regions and fields; and
- analyze the benefits agricultural innovation could bring to the Asia-Pacific region and how it may change the policy-making process.



The course content will include the following topics:

- topic 1: agricultural innovation, food market and green growth
- topic 2: sustainable production and consumption
- topic 3: food security strategies and policy making
- topic 4: Sustainable Development Goals (SDGs) and environmental sustainability
- topic 5: agricultural development and cooperation
- topic 6: dispute resolution in international trade



The workshop will be comprised of:

- presentations and discussions
- self-assessment exercise and group work
- UNITAR 'City-Share methodology'
- study visit



This workshop is open to those in central and local government, non-profit and academic sectors in the Asia-Pacific region who wish to implement sustainable

development policies in both urban and rural settings, or make their contribution to enhancing food security through agricultural innovation.



A certificate will be awarded at the end of the workshop.