Regional training workshop for advancing satellite crop monitoring to enhance agricultural resilience using the CropWatch cloud system in Latin America and the Caribbean

2-5 December 2025

Lima, Peru

Programme (Draft)

SESSION OUTLINE	Time (Peru)
Day 1: 2 December Tuesday	
Registration	**09:00-09:40**
S1: Opening Ceremony	**10:00-11:05**
Welcome note by Master of Ceremony **Speakers:** **National Institute of Agricultural Innovation (INIA)** *The role of STI in advancing agricultural development and food security in developing countries* **Professor Bingfang Wu, Director of CropWatch at Aerospace Information Research Institute (AIR), Chinese Academy of Sciences (CAS)** *Introduction to CropWatch ICP* **Ms. Liping Zhang, Chief of Science, Technology and Development Section, Division on Technology and Logistics, UNCTAD** *Address from UNCTAD* **Ms. Rossana Dudziak, UN Resident Coordinator For Peru** *The CropWatch programme in the wider UN-Peru cooperation* **Professor Yirong Wu,** Director General, AIR/CAS *Address from AIRCAS* ***Good will messages (TBC)*** Minister of Agricultural Development and Irrigation, Peru Minister of Foreign Affairs, Peru President, National Council of Science, Technology and Technological Innovation (CONCYTEC) **Professor Yirong Wu**, Director General, AIR, CAS *Launching Ceremony of the CropWatch-ICP Regional Center of Latin America and the Caribbean*	

Tea break and group photo	**11:05-11:15**

S2: Invited speakers' presentations **Each presentation 15min**	**11:15-13:00**
International Cooperation Department, AIRCAS *Introduction of AIR* *Professor Yuan Zeng, AIR/CAS* ***Crop biodiversity Monitoring by Remote Sensing*** ***Dr. Miao Zhang, AIR/CAS*** ***Introduction of CropWatch Cloud Platform*** **Expert(s) from Peru** *Peru experience* **Dr. Hongwei *Zeng*, AIR/CAS** *Yield Gap Analysis in Latin America* **Questions and discussion**	**Lunch:** 13:00-14:00
S3: Country profiles and requirements **Each presentation 10mins**	14:00-16:00
Ecuador **Guatemala** **Honduras** **Jamaica** **Peru** **Dominican Republic**	
S4: Introduction of the training programme and registration on the CropWatch	16:00-18:00
Dr. Miao Zhang **Introduction to fieldwork using GVG to support crop area estimation** **Dr Fuyou Tian** **Introduction and registration of GVG app**	**Tea break:** 15:30-16:00
Practice: registration and configuration	

Day 2: 3 December, Wednesday	
S5: CropWatch fieldwork and practice	**09:00-16:00**
On-job training on the field sampling in Peru major producing regions *Practice: access field sampling*	**Lunch:** 13:00-14:00
Day 3: 4 December, Thursday	
S6: Crop Condition monitoring, Dr. Miao Zhang, AIR/CAS	**09:00-13:00**
Dr. Fuyou Tian *Introduction to CropWatch Processing for thematic maps* ***Practices*** **Dr. Miao Zhang** ***Interactive monitoring of crop condition for each country*** ***Practices***	**Tea break:** 10:15-10:45 **Lunch:** 13:00-14:00
S7: Crop Yield Prediction, Dr. Hongwei Zeng, AIR/CAS	**14:00-18:00**
Methodology *Introduction of the modules and demonstration* *Practices*	**Tea break:** 15:30-16:00
Day 4: 5 December, Friday	
S8: Crop area estimation, Dr. Fuyou Tian, Hongwei Zeng	**09:00-13:00**
Crop area estimation using CPTP method Crop type mapping using GVG data ***Practices***	**Tea break:** 10:15-10:45 **Lunch:** 13:00-14:00
S9: Cropwatch Analysis, Dr. Fuyou Tian, AIR/CAS	**14:00-16:30**
Introduction to CropWatch Analysis components Key points for country analysis **Practice: Country analysis**	
S10: Closing ceremony	**16:30-17:00**
*Wrap-up by **Dr. Hongwei Zeng**, AIR/CAS* *Feedback from trainees* *Certification of the training* Closing remarks from **National Institute of Agricultural Innovation (INIA)** Closing remarks from **Ms Liping Zhang**, Chief of Science, Technology and Innovation for Development, UNCTAD	