

Workshop on advancing satellite-based crop monitoring to increase resilience in the face of global food insecurity

2-5 July 2024, Nigeria

Johnwood hotel by Bolton, Abuja

Programme

SESSION OUTLINE		Time (Nigeria)
Day 1: 2 July Tuesday		
Registration		09:00-09:40
S1: Opening Ceremony		10:00-11:00
Welcome note by Master of Ceremony		10:00-10:05
Speakers:		
Professor Bingfang Wu, Director of CropWatch at Aerospace Information Research Institute (AIR), Chinese Academy of Sciences (CAS) <i>Introduction to CropWatch ICP</i>		10:05-10:15
Ms. Haihua Gong, Director, Division of Asian & African Affairs, Bureau of International Cooperation, Chinese Academy of Sciences (CAS) <i>Address from CAS</i>		10:15-10:20
Ms. Liping Zhang, Chief of Science, Technology and Development Section, on behalf of Ms. Shamika Sirimanne, Director, Division on Technology and Logistics, UNCTAD <i>Address from UNCTAD</i>		10:20-10:25
Mr. Mohamed M. Malick Fall, UN Resident Coordinator For Nigeria <i>The CropWatch programme in the wider UN-Nigeria cooperation</i>		10:25-10:30
Professor Yirong Wu, Director General, AIR/CAS <i>Address from AIRCAS</i>		10:30-10:35
Dr Matthew Adepoju, Director General, NASRDA <i>The role of STI in advancing agricultural development and food security in developing countries</i>		10:35-10:45
Good will messages		
H.E. Mr. Abubakar Kyari, Honourable Minister, Federal Ministry of Agriculture and Food Security		10:45-10:50
H. E. Ambassador Yusuf Maitama Tuggar (OON), Honourable Minister of Foreign Affairs		10:50-10:55
H.E. Mr. Joseph T. Utsev, Minister of Water Resources and Sanitation (TBC)		10:55-11:00
H.E. Mr Uche Nnaji, Honourable Minister, Federal Ministry of Innovation, Science and Technology; and Professor Yirong Wu, Director General, AIR, CAS <i>Launching Ceremony of the CropWatch-ICP Regional Center of West Africa</i>		11:00-11:05
Tea break and group photo		11:05-11:15

S2: Invited speakers' presentations Each presentation 15min	11:15-13:00
<p>Ms. Mingmei Chen, Deputy Director, International Cooperation Department, AIRCAS <i>Introduction of AIR</i></p> <p>Professor Yuan Zeng, AIR/CAS <i>Crop biodiversity Monitoring by Remote Sensing</i></p> <p>Dr. Miao Zhang, AIR/CAS <i>Introduction of CropWatch Cloud Platform</i></p> <p>Dr. Rakiya Babamaaji, NASRDA <i>Nigeria experience</i></p> <p>Dr. Hongwei Zeng, AIR/CAS <i>Yield Gap Analysis in Africa</i></p> <p>Questions and discussion</p>	<p>Lunch: 13:00-14:00</p>
S3: Country profiles and requirements Each presentation 10mins	14:00-16:00
<p>Burkina Faso</p> <p>Cameroon</p> <p>Ghana</p> <p>Liberia</p> <p>Mali</p> <p>Niger</p> <p>Nigeria</p> <p>Senegal</p>	
S4: Introduction of the training programme and registration on the CropWatch	16:00-18:00
<p>Dr. Miao Zhang Introduction to fieldwork using GVG to support crop area estimation</p> <p>Dr Fuyou Tian Introduction and registration of GVG app</p>	<p>Tea break: 15:30-16:00</p>
<i>Practice: registration and configuration</i>	

Day 2: 3 July, Wednesday	
S5: CropWatch fieldwork and practice	09:00-16:00
On-job training on the field sampling in Nigeria major producing regions <i>Practice: access field sampling</i>	Lunch: 13:00-14:00
Day 3: 4 July, Thursday	
S6: Crop Condition monitoring, Dr. Miao Zhang, AIR/CAS	09:00-13:00
Dr. Fuyou Tian <i>Introduction to CropWatch Processing for thematic maps</i> Practices	Tea break: 10:15-10:45
Dr. Miao Zhang <i>Interactive monitoring of crop condition for each country</i> Practices	Lunch: 13:00-14:00
S7: Crop Yield Prediction, Dr. Hongwei Zeng, AIR/CAS	14:00-18:00
<i>Methodology</i> <i>Introduction of the modules and demonstration</i> <i>Practices</i>	Tea break: 15:30-16:00
Day 4: 5 July, 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
<i>Wrap-up by Dr. Hongwei Zeng, AIR/CAS</i> <i>Feedback from trainees</i> <i>Certification of the training</i> Closing remarks from Dr Matthew Adeboju , DG NASRDA Closing remarks from Ms Liping Zhang , Chief of Science, Technology and Innovation for Development, UNCTAD	