



“Regional training workshop for satellite crop monitoring using the CropWatch system”

Summary and Next Steps



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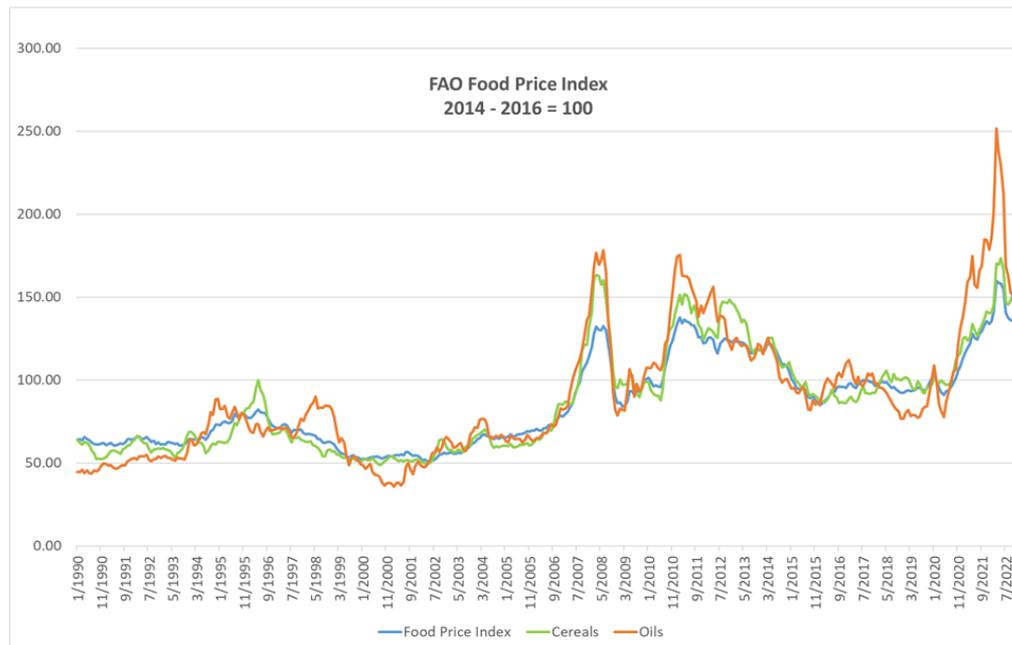
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Outline

- **CropWatch-ICP**
- **Summary of regional training workshop**
- **Next steps**

Motivation

- Normally, food price relates to food production, but is volatility due to
 - occurring when extreme weather, natural hazard and region conflict happen
 - food trade speculation in the world market
- China is the biggest import of food in the world,
 - To increase food production information transparency is one of majors method to iron food price volatility and combat speculation
 - Every countries has their own crop monitoring capacity is the way to increase food production information transparency



Objectives

Under coordination of UNCTAD, CropWatch Innovative Cooperation Programme for Crop Monitoring (CropWatch-ICP) is to **facilitate and stimulate crop monitoring at developing countries for the advancement of the SDG goal of zero hunger** through joint research and capacity building , which is funded by Association of National Science Organization (ANSO), facilitated by Chinese Academy of Sciences

- To enable pilot countries to do respective national or subnational crop monitoring on their own in real and near time
- To promote resilient agricultural practices by integrating geospatial information for crop monitoring

Expectations

- The participating countries are able to use the CropWatch cloud to produce regular bulletin for informing policy-making at national and provincial levels on the food market, annual food import-export prospects and disaster relief.
- Trained staff of the participating country can **perform as trainers** for sub-national officials to empower more technical staff for crop monitoring

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Organization and Coordination

■ UNCTAD

- Invitation to the interesting countries
- Candidate country participants
- Coordination of the training workshop
- Organize the opening & closing ceremony, training

■ FAREI

- Opening & Closing ceremony, training
- Practice for GVG data sampling

■ ANSO

- Opening & Closing ceremony
- Continual support to the project

■ AIRCAS

- Opening & Closing ceremony, training
- Invited speakers' presentations
- CropWatch courses and practices

Contents of training

- Best cases of Mozambique, Nigeria and Mauritius
- GVG registration and sample collecting
- CropWatch System Registration and configuration
- CropWatch Pro
- CropWatch Explorer
- CropWatch Analysis

Courses + Practice + Discussion

Glance at the venue



Glance at the venue



Glance at the venue



Glance at the venue



Big Applauds to Arty's team and UNCTAD'S organization



Certification List

NO.	Country	Mr/ Ms	Name	NO.	Country	Mr/ Ms	Name
1	Algeria	Mr	Djamel Mansour	14	Mauritius	Mr	Chandrabose Sanjay Sembhoo
2	Cameroon	Mr	Colince Nguelo	15	Mauritius	Mr	Mahindra Chooneea
3	Cameroon	Mr	Erasmus Tang	16	Mauritius	Ms	Anuja Meetoo-Appavoo
4	Ghana	Mr	Kofi Asare	17	Mauritius	Ms	Preetee Nemdharry
5	Kenya	Ms	Jane Kioko	18	Mauritius	Ms	Bhojdutt Seeborrun
6	Kenya	Mr	John Juma	19	Mauritius	Mr	Vedvyass Doobay Mudhoo
7	Lebanon	Mr	Ihab Jomaa	20	Nigeria	Ms	Rakiya Babamaaji
8	Malawi	Mr	Yohane Chimbalanga	21	Nigeria	Mr	David Onu Ekwe
9	Malawi	Ms	Annie Zidana	22	Syria	Ms	Riham Khozam
10	Mauritius	Ms	Arty Gungoosingh-Bunwaree	23	Syria	Mr	Ayman Hejazy
11	Mauritius	Ms	Yaminee Hoolash	24	Zambia	Mr	Lusekelo Kasunga
12	Mauritius	Ms	Leekcha Mattee Devi Lalsing	25	Zimbabwe	Mr	Tichaona Mazuru
13	Mauritius	Ms	Rajeswaree Dumur	26	Zimbabwe	Mr	Hillary Mugiyi

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Steps to implement CropWatch

Support developing countries for implementation of UN SDG 2 zero hunger, to enhance geospatial tools and support for food security

- Requirements analysis, targeting crops, monitoring units
- Formulation of work plans and baseline data preparation
- Trainings both in house and field, at national and subnational levels
- Stakeholder meeting for further requirement analysis
- Joint customization, independent models incorporated
- Analysis, reporting and services independently, technical support remotely
 - guarantee that CropWatch cloud is available, accessible, functionable, flexible
- Promoting ownership and no investment needed for infrastructure

Next steps

- Food security session at ANSO conference ([October 29-30th, Beijing](#))
- Hand on training on the field in Nigeria, Cameroon, Ghana ([September](#))
- On-job training in Beijing for pilot countries [from now on, TBD of countries](#)
 - [Implementation team, baseline data preparation,](#)
 - [Mandate for crop monitoring services in the long term](#)
- CropWatch customization for required countries
- Upgrading the system to provide high resolution crop monitoring APIs to address the small holder farming systems
- Regional workshop in Nigeria (2024) for western African countries and Thailand (tbd) for Asia countries



Thank you for your attention!

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