



Imagery meeting #7 UAS Coordination Technical Working Group

16 June. 2021

Tour de table

Organization	Contact
ICRC	Brenda Ayo
	Brent Connelly
Polytechnic of Turin	Alessio Calantropio
Polytechnic of Turin	Filiberto Chiabrando
ITC	Cristina Geveart
MINUSMA	Christine Wachira
AIRT.ngo (Airborne International Response Team)	Christopher Todd
Picterra	Caroline Bailey
UNICEF	Edmond Nonie
GlobalMedic	Daniel Cyr
RSS Hydro	Guy Schumann
RSS Hydro	Margherita Bruscolini
USAID	Melanie Mason
IOM	Sebastian Ancavil
University of Portsmouth	Richard Teeuw
MSF	Raphael Brechard
WFP	Artur Nowakowski
WFP	Rogério Bonifacio
WFP	Matthias Boyen
WFP	Marco Codastefano
WFP	Masa Sabbah
WFP	Jean Claude Atassa Laouwayi
WFP	Sarah MUIR

Opening remarks by Marco Codastefano welcoming everyone to fifth session of the Imagery group

Going through the agenda with all members then giving the floor to the first presenter

Deep Dive: Crop type mapping using drone, Sentinel-2 and daily life images presented by Rogerio Bonifacio and Artur Nowakowski from WFP

Please find the presentation slide [here](#):

- WFPs work focuses on large scale agriculture mapping
 - o Crop type mapping in conflict areas
 - o Technical assistance to government
 - o Smallholder support system
- Operational set-up
- The data WFP is working on is from three campaigns: Malawi (summer, Malawi (winter), and Mozambique.
 - o Examples of the visual information that WFP has
- Methods for crop type mapping on drone images
 - o Traditional approach
 - o Transfer learning approach
- Implementation of transfer learning approach
- Recommendation for data collection campaigns
- The potential use of classified drone images

Opportunity from Picterra to the members of the Imagery TWG

- Picterra is an AI solution platform developed in Lozanna, Switzerland.
- Picterra will be presenting in the next Imagery TWG and is giving the opportunity for one member of the group to send their data to them to show the solutions they have using it.

The next Imagery TWG meeting will on **14 of July, 2021**.