



Imagery meeting #8 UAS Coordination Technical Working Group

08 December. 2021

Tour de table

Organization	Contact
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WFP	Patrick MCKAY
WFP	Dubem UMEASIEGBU
WFP	Christos PANAYI
WFP	Rogério Bonifacio
WFP	Matthias Boyen
WFP	Lara Prades
WFP	Masa Sabbah
WFP	Jean Claude Atassa Laouwayi
WFP	Sarah MUIR

Opening remarks by Matthias Boyen welcoming everyone to eighth session of the Imagery group

Introducing the new co-chair of the Imagery TWG Lara Prades; Marco has moved on units and therefore won't be able to continue supporting the TWG.

Followed by a round of introduction for new members

Deep Dive: The value of Drones for bespoke local flood risk assessment in the Licungo Basin presentin by Guy Schumann from WFP and University of Bristol, Bristol, UK. Also with RSS, Barnstable, USA

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

Topics covered in the presentation

- INGC -WFP Partnership: INGC in partnership with WFP has built a very strong capacity to respond to emergency especially with the help of Unmanned Aerial System (UAS) technology.
- Purpose of the mission was to provide technical support to Mozambique Country office (Maputo) on implementing preparedness data analysis collected from drone survey and advice on how to scale up the activity
- Results: 235 flight missions, 58 hours of flight time, 158.5 km² area covered, 645 GB of raw data, 293,281 photos, and 12 persons of 4 teams
- Challenges:
 - o Estimate people exposed to flood hazard:
 - Unavailability of high-resolution flood hazard model
 - Incomplete exposure data on settlements/structures
- Analysis from Drone Data (Ortho-mosaic)
- Simulation results
- Real-time validation examples
- Other innovation uses: Potential Mosquito Breeding locations
- Next steps

AoB

- As holiday are coming up, we will not be having any TWG meeting until the 9th of February 2022
- Suggestions of topics to be covered in the next Imagery TWG meeting

The next TWG meeting will on **9th of February 2022**