Master's Program in Geomatics

# M2 GEOMAG

## Guest Lecture Series

Geodesy, Reference Systems and GNSS

SatNav Africa
Joint Programme Office

SESSION 3

# GNSS for Agriculture and Environmental Applications

From precision agriculture to environmental monitoring



**Thursday**
**5 November 2026**

**11:00 – 13:00**
**(Tunisia Time)**
(10:00 – 12:00 UTC)

**ONLINE**
**via Zoom**

SCAN TO JOIN

## Key topics

- **GNSS in precision agriculture**
  Principles and applications
- **Case studies of GNSS use in precision agriculture**
- **GNSS elements exploited for environmental applications**
  Examples and potential
- **GNSS remote sensing**
- **Q&A session**

## SPEAKER



**Alex WANDA**
GNSS Expert
SatNav Africa JPO

Alex Wanda is a GNSS expert at SatNav Africa JPO. He has extensive experience in the application of GNSS for agriculture and environmental monitoring, with a focus on precision agriculture and the use of GNSS remote sensing for land and environmental studies. He has been involved in several regional projects aimed at promoting the use of GNSS technologies in Africa.



**Target audience**
M2 GEOMAG students and open to interested researchers and PhD students (INAT)