

Training Program Stage 2: Flying Sensors

Egerton University, January 2022



Conducted by:

- Martijn de Klerk, general director FutureWater
- Jan van Til, general & operational director HiView

Assistent trainers:

- Veronicah Nyaguthii, AgPilot ThirdEye
- Purity Kinya, AgPilot ThirdEye

Lead management:

- Anthony Kibe, associate professor Egerton University

Curriculum

- Piloting skills. Safety management. Controlling the drone in manual and automatic modes.
- Image processing skills. Producing orthomosaics and crop stress maps.
- Skills regarding tools for imagery viewing and reporting.
- Knowledge about interpretation of the Flying Sensor (FS) imagery.

Schedule

Monday 24 January

9:00 am	Indoor training at ARC Hotel, Njoro Kick-off flying sensor training Introduction to flying sensors and safety management
10:30 am	<i>Break</i>
10:45 am	Continue introduction and installing software
12:00 pm	<i>Lunch break</i>
1:30 pm	Field exercise, outdoors at Egerton University Piloting skills (manual)
3:30 pm	End of training

Tuesday 25 January

9:00 am	Field exercise, outdoors at Egerton University Piloting skills (manual and automatic)
12:00 pm	<i>Lunch break</i>
1:30 pm	Indoor training at ARC Hotel, Njoro Image processing
3:30 pm	End of training

Wednesday 26 January

9:00 am	Indoor training at ARC Hotel, Njoro Image processing
10:00 am	<i>Break</i>
10:15 am	Continue image processing
12:00 pm	<i>Lunch break</i>
1:30 pm	Continue indoor training Image processing and interpretation
3:30 pm	End of training

Thursday 27 January

9:00 am	Field exercise, outdoors at Egerton University Piloting skills (manual and automatic)
12:00 pm	<i>Lunch break</i>
1:30 pm	Indoor training at ARC Hotel, Njoro Image processing and interpretation Preparations Avenza viewing app
3:30 pm	End of training

Friday 28 January

9:00 am	Field exercise, outdoors at Egerton University Flying sensor image application in field using Avenza viewing app
12:00 pm	<i>Lunch break</i>
1:30 pm	Indoor training at ARC Hotel, Njoro Evaluation and conclusion
3:30 pm	End of training