



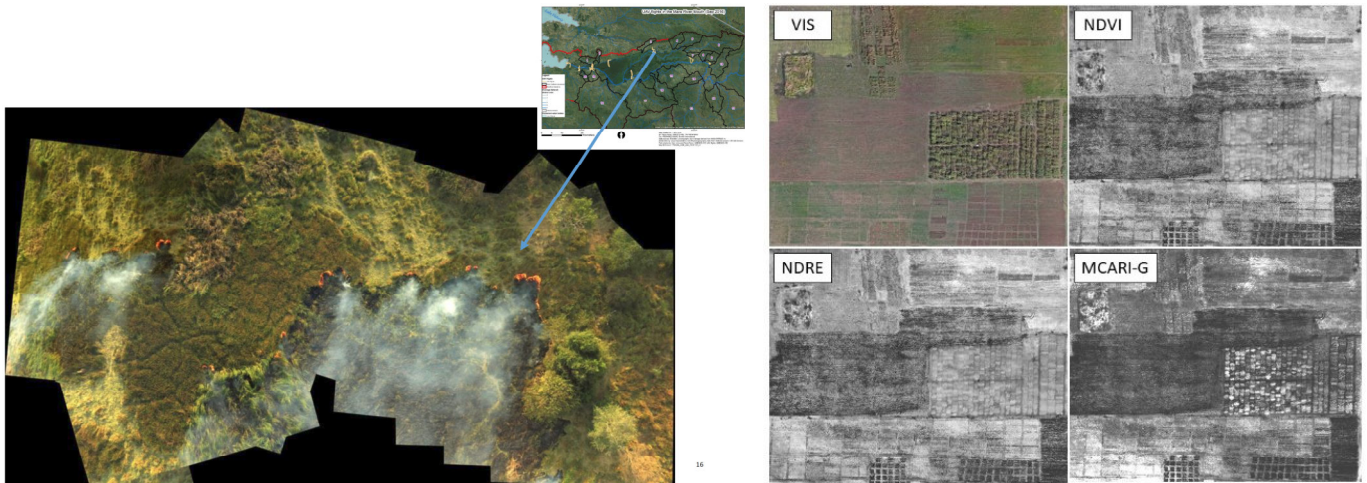
UNIVERSITÀ
DEGLI STUDI
FIRENZE

School of Agriculture

master degree
**Natural resource management
for tropical rural development**



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DAGRI
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE AGRARIE,
ALIMENTARI, AMBIENTALI E FORESTALI



Drones in Land Evaluation

Potentials and limitations

Seminar of **Dr. Paolo Paron**

Senior Lecturer at the Institute for Water Education (IHE Delft)
Department of Water Resources and Ecosystems



Unmanned aerial vehicles (UAVs), commonly known as drones, have huge potential in many fields, ranging from the military, humanitarian relief, disaster management to agriculture and land evaluation (FAO, 2018). The seminar will be split in two parts:

Part A: introduction to drones from a visual point of view; Hardware and Software components; Uses of drones in Land Evaluation: potentials and limitations.

Part B: Exercise on generating band ratio for vegetation monitoring from drone's multispectral images, using QGIS [you need to have QGIS installed with the two following plugins: (i) Profile Tool; (ii) QuickMapServices]



December 10th 2020, 9.45-12.45

[link at CISCO WEBEX - MOODLE](#)

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