

## Online training

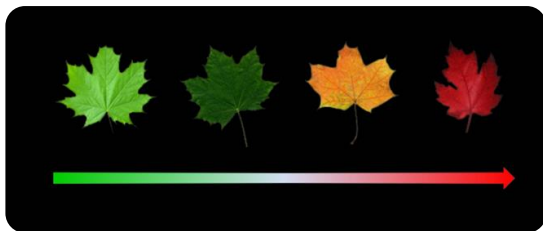
Drones Imaging offers a theoretical and practical training in the creation of NDVI maps. From tutorials and aerial imagery available to you, follow the step by step process that will help you discover the infrared and its applications in agriculture.

**In this context, Drones Imaging offers the following training modules:**

- 01-Digital imagery & NIR module
- 02-Sensors module
- 03-NDVI module

## DETAILED MODULES

### 01-DIGITAL IMAGERY & NIR module



Objective: To understand the principles of remote sensing related to vegetation and achieve a first NDVI picture.

- Introduction to the near infrared and channel management from a digital image.
- Introduction to the spectral properties of the vegetation through the channels of a digital image.
- Introduction to NDVI through the digital image.
- Exercise 1: Calculation of NDVI.
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## 02-SENSORS module

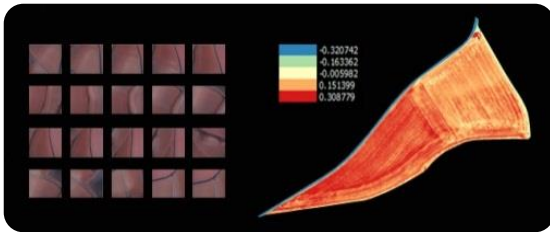


Objective: To understand the operation of a multispectral sensor.

Being informed about the different solutions marketed (hi-tech & lowcost).

- Introduction to the operation of a conventional RGB camera.
- Introduction to the operation of an infrared camera + models and configuration on a drone.
- Introduction to the operation of a multispectral camera + models and configuration on a drone.
- Introduction to the operation of a hyperspectral camera + models and configuration on a drone.

## 03-NDVI module



Objective: Conduct a NDVI map from a capture made by drone.

- Tutorial #1: Creating an NDVI map on an agricultural parcel from 21 aerial images.
- Tutoriel #2: Creating a NDVI map on a second farm plot from 14 aerial images.
- Restitution: Creating a NDVI map on an experimental agricultural plot.