

New spectral indicators of phytotoxicity from multispectral and thermal images



The objective is to develop new indicators of phytotoxicity from pesticides and other compounds using spectral (Visible, Near Infrared and thermal) images in laboratory conditions. This study will provide early indicators of toxicity that can be applied in the future in the field using images from drones. It will be evaluated how different toxic compounds and their concentrations produce different spectral responses and their time progression.

Project type

Topic is suitable for MSc project

Pre-requisite

None

Group size

1-2 students

Department of supervisors

Main supervisor: DTU Environment

Co-supervisor: DTU Environment

Contact persons

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