Enhancing Ecosystem Recovery: The Role of Digital Plant Phenotyping (DPP) in supporting Nature-based (NbS) Solutions

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DPP: advanced monitoring technology

Multispectal sensors - Non destructive - Real time

Analisys and selection of species for NbS

Adapted to degraded environments Optimization of treatments for resilient growth

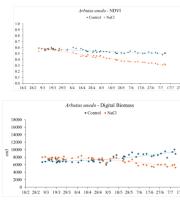
NbS application

Phytoremediation - Environmental Recovery - Biodiversity conservation

The STUDY within Spoke 4 - NBFC:

Evaluating salinity stress on Mediterranean maquis plants





Visualization of NDVI A) and Digital Biomass B) of Arbutus unedo during the experimental trial

By TRAIT FINDER

The Digital Plant Phenotyping Lab at IRET in Pisa





The STUDY within PRIN - EUREECA:

Evaluating effects of treatments on plant growth and Rare Earth uptake

Visualization of NDVI of Phytolacca americana A) and of Rafanus sativus B) during the experimental trial

By MICROSCAN



















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