

EO services contributing to SDGs

Oenoview Stress

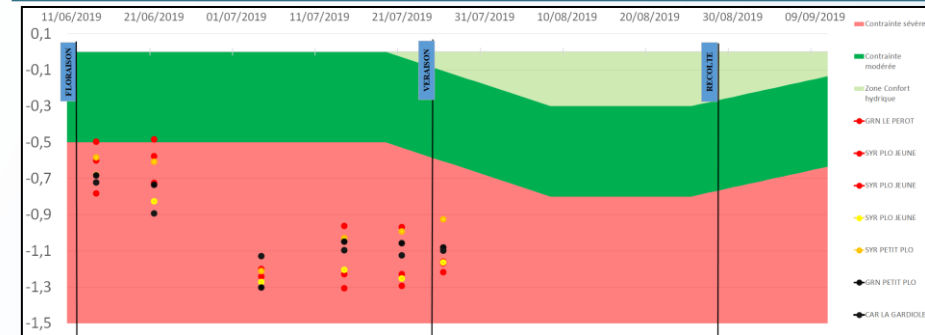


- User: Winegrowers, wine cooperatives, vine consultants
- Challenge/Needs: Control of water stress, early detection of water stress
- Initiative: We developed a model estimating the stem potential that gives you the level of water stress compared with the ideal one depending on the date, vine variety and wine objectives, based on satellite imagery.
- Results: early alerts, control of water stress and corrective actions (irrigations or other field interventions)
 - Benefits: (i) Receive alerts and notifications with actionable information at the right time to schedule irrigation (ii) Build precise knowledge of each plot over time and adapt field work accordingly (iii) Understand and follow precisely the soil water content and its structure
 - Impact: Use the right amount of water needed by your crops to eventually increase quality and crop yield, and save water
 - Scalability: (i) Highly repeatable solution (ii) Outcome-focused offering
- Service Provider: TerraNIS

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.

Indicator 6.4.2.: Water stress



Evolution on the water stress level for each plot



Water stress level per plot

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