Monitoring Vineyards With Planet Dove Satellites

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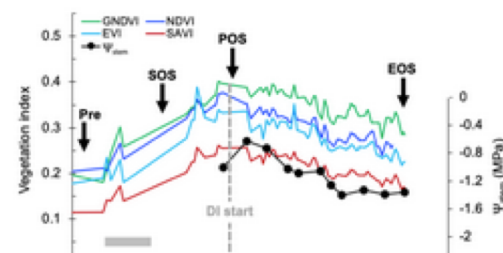See Abstract for full list of authors and institutions.
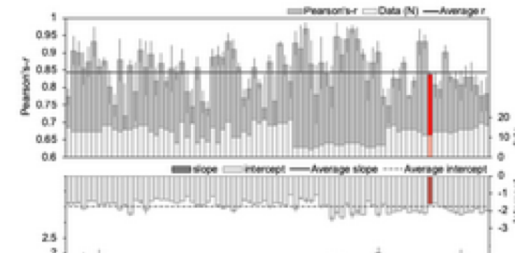
1. AIM & 2. APPROACH

Monitoring vineyar...

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5. RESULTS I Mevo Beitar

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6. RESULTS II 81 Commercial

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7. MODEL EVALUATION

We **EVALUATED** our 'global' model in Mevo Beitar experimental vineyard.

Figure 7 shows Ψstem predicted from a multivariable regression model using data along the season in Mevo Beitar (**MB-Reg**) and the same model with per date data (**MB-Mult**). Ψstem at Mevo Beitar from the 'global' model (**Global-Mult**), without using data from Mevo Beitar, is shown in blue.

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3. PLANET & 4. GEE

Planet: See Chang...
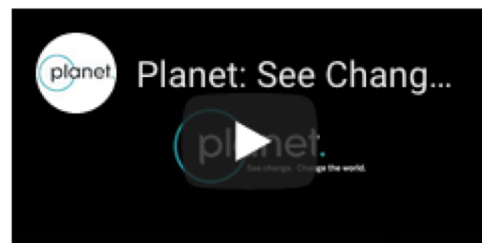
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SUMMARY

- Deficit irrigation is a commonly used irrigation strategy in vineyards aiming to achieve high-quality berries for premium wine production.
- Stem water potential measured in the field has been a key parameter in assessing the vineyard's water status.
- The relationship between stem water potential and vegetation indices was evaluated in Mediterranean vineyards through the use of

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