



Title: "Assessing the Impact of Photovoltaic Integration on Physiological Adaptations of Grape Leaves"

Second option: "Correlation of chlorophyll and yield" (APV fields Geisenheim and Straßkirchen are both options for this exploration)

Supervisors: Jr. Prof. Dr. Andreas Schweiger; Jennifer Moore, M.Sc.

Topic description: This thesis delves into the effects of incorporating photovoltaic panels within a vineyard environment. It examines how the presence of solar panels influences microclimate variables, and what implications those have on physiological activity in the grape leaf. This will be measured by analyzing leaf area index, photosynthetic activity, gas exchange, and water use.

Additional information: Individual requires an EU drivers license, and will need to travel to site, Geisenheim (Hesse). Overnight stays may be required. **Timing of trips are expected to be May and late July.**

Duration of work: 3 months

Start of the work: May

For further information please contact: Jennifer.moore@uni-hohenheim.de

