

## Italo-German Summer School

Funded by Deutscher Austauschdienst (DAAD)  
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Dialogue with Institutions of Higher Education in  
Southern Europe

*Hochschuldialog mit Südeuropa*

*Dialogo tra le università tedesche e sudeuropee*

# DAAD

UNIVERSITÄT HOHENHEIM



UNIVERSITÀ  
DI SIENA 1240



## Applications for the Summer School

Deadline: 31 March 2017

### Contact:

#### Hohenheim students:

[juergen.franzaring@uni-hohenheim.de](mailto:juergen.franzaring@uni-hohenheim.de)

#### Siena students:

[fabrizio.monaci@unisi.it](mailto:fabrizio.monaci@unisi.it)

## Organizing institutes

Institute for Plant and Landscape Ecology  
University of Hohenheim  
August von Hartmann Str. 3  
D-70599 Stuttgart  
<https://ecology.uni-hohenheim.de/en/65585>

Dept. of Life Sciences, University of Siena  
Via P.A. Mattioli, 4  
I-53100 Siena  
<http://en.unisi.it/departments/department-life-sciences>



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## Plant responses to CO<sub>2</sub> and heavy metal enrichment



## CORE INFORMATION

In the second part of the summer school, which is going to take place in Germany, students will be introduced to technologies used for CO<sub>2</sub> enrichment and climate simulation and methods to investigate ecophysiological effects on plant performance. Students will assist in ongoing research in climate chamber studies and the free air carbon dioxide enrichment (FACE) facility operated in Hohenheim. They will also evaluate the data that had been gathered in Italy during the first week.

Day 1	Arrival, Welcome and presentation of the University, the Faculty and the Research Fields of the organizing institute. Get together: "Swabian Evening"
Days 2-5	Introduction to heavy metal analyses of plant material and biomonitoring issues <ul style="list-style-type: none"> <li>- Visit to the Climate Chambers and the Free Air Carbon Dioxide Enrichment (FACE) facility of the institute</li> <li>- Field work at the FACE site (Heidfeldhof), install temperature and CO<sub>2</sub> loggers in the crop canopy (most likely oilseed rape) for continuous measurements</li> <li>- Data evaluation and final presentations</li> </ul>
Day 6	Wrap-up and departure of students

Insurance	Participants need to check insurance status for health and civil liability
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