

# Symposium 7

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## Algae in a changing environment: perception of environmental signals, physiological changes, changes in community composition

### Conveners

Inka Bartsch, Christian Wilhelm

### Key-note speakers

Francisco Gordillo, University of Malaga, Spain

Heiko Wagner, University of Leipzig, Germany

### Symposium description

This symposium is dedicated to contributions dealing with unicellular to highly organised algae living in freshwater, brackish or fully marine habitats from all biogeographic regions presenting new results on algal responses to warming, acidification, eutrophication and habitat deterioration. The contributions will enable a detailed look on altered perception of environmental signals, consequences for life cycle regulation, physiology, photosynthesis, primary production ultimately leading to changes in productivity and community composition.

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