





Vegetation structure and productivity of three temperate upland grasslands

Environment + Management +

Matthias Zeeman¹ • Heather Shupe² • Cornelia Baessler³ • Nadine Ruehr¹

Institute of Meteorology and Climate Research (IMK-IFU), Karlsruhe Institute of Technology (KIT), Garmisch-Partenkirchen, Germany.
 University of Hamburg, Biocenter Klein Flottbek – Applied Plant Ecology, Hamburg, Germany.
 I-Helmholtz Centre for Environmental Research UFZ, Department Community Ecology, Halle, Germany.

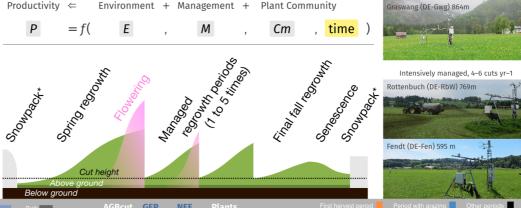
Productivity ←

An improved regional assessment of the productivity of grasslands depends on indepth knowledge of the interactions between climatic drivers, nutrient cycles, vegetation properties and human activity.

To this end, the relationships between productivity (1), vegetation structure (2) substand sites in Southern Germany that differ in management intensity & elevation.

Vegetation properties and surface exchange of carbon. and seasonality (3) were investigated,

during 2015, as part of a multi-disciplinary intensive campaign (ScaleX).



Plant Community

