Welcome!
Jena Climate Observations
1813 - today

Johann Wolfgang von Goethe
1749 - 1832

Annual Temperature Anomaly w.r. 1960-1990
Max-Planck-Institute for Biogeochemistry in Jena
Fact Sheet

- Founded in 1997, Carl-Zeiss factory, since 10/2002 in own building on Beutenberg
- An institute of the independent, non-profit research organization Max-Planck-Society for the Advancement of Science (~80 institutes nationwide)
- Three research departments
- 10 central research and technical service facilities
- Staff: 162, of which 54 scientists and 34 PhD students
- Annual turnover: ~10 M€, of which about 20% from 3rd party
MPI for Biogeochemistry: Overarching research questions

- What are the key processes controlling biogeochemical fluxes?
- How can we scale up and quantify non-linear biogeochemical process information from points to regions, continents and the globe?
- What is the role of biodiversity?
- Can we quantify and model the feedbacks between the physical climate system and biogeochemistry?
- Human interactions: how does land use and management change the system behavior?

Earth System Research Partnership:
- MPI for Meteorology (Hamburg) - Physical climate system, ES modeling
- MPI for Chemistry (Mainz) - Reactive chemistry and aerosols
- MPI for Biogeochemistry (Jena) - Global biogeochemical cycles
- Potsdam Institute for Climate Impact Research (PIK) - Human interactions
Institute Strategy and Structure

Process studies (in situ, experiment)
Dept. of Biogeochemical Processes
Susan Trumbore

Regional and global observations
Dep.t of Biogeochemical Systems
Martin Heimann

Dept. of Biogeochemical Integration
3 Max-Planck Research Groups

Biogeochemical Model-Data Integration
Markus Reichstein

Organismic Biogeochemistry
Christian Wirth

Biospheric Theory and Modeling
Axel Kleidon
Max-Planck-Institute for Biogeochemistry in Jena
Central Research Service Facilities

Stable Isotope Facility (W. Brand)

Gas Analytics Facility (A. Jordan)

$^{14}$C Analysis Facility (A. Steinhof)

Inorganic Analysis Facility (I. Hilke/M. Raessler)

Field instrumentation Facility (O. Kolle)

Computing, Library, Technical Services, Administration
Enjoy your stay in Jena!

Thank you