Bayreuth Center of Ecology and Environmental Research

Welcomes the TERRECO Workshop April 2010
Executive Committee 2008 - 2010

- Prof. Dr. Stefan Peiffer, Hydrology
  Managing Director

- Prof. Dr. Thomas Foken, Micrometeorology

- Prof. Dr. John Tenhunen, Plant Ecology

- Prof. Dr. Ingolf Steffan-Dewenter, Animal Population Ecology
  Deputy Director

- Prof. Dr. Egbert Matzner, Soil Ecology

- Dr. Stefan Holzheu, IT and Database Systems
  representative of „Mittelbau“
BIO - Ecology and GEO - Ecology

- Mycology
- Ecological Microbiology
- Didactics of Biology
- Plant Ecology
- Plant Physiology
- Plant Systematics
- Animal Population Ecology
- Animal Ecology
- Animal Physiology

- Ecological - Botanical Garden

- Biogeography
- Vegetation Dynamics
- Biogeographical Modelling
- Disturbance Ecology
- Ecological Modelling
- Ecosystem Services

- Agroecosystem Research
- Atmospheric Chemistry
- Environmental Geochemistry
- Geomorphology
- Hydrogeology
- Hydrology
- Micrometeorology
- Soil Ecology
- Soil Physics
Fields of Research

Biodiversity and Conservation

Ecosystem Studies

Restoration/Remediation

Global Change Research

Genetic Background

Physiological Adaptations

Process Interactions

Spatial Distributions
Current Research Consortia in Ecology and Environmental Studies

- **DFG-IRTG TERRECO**: Complex TERRain and ECOlogical heterogeneity. **2009 – 2011** (Tenhunen)

- **FORKAST**: Effects of climate change on ecosystems and climatic adaption strategies. **2009 – 2011** (Beierkuhnlein)

- **DFG Forschergruppe 580**: Electron transfer processes in anoxic aquifers. **2006 – 2012** (Peiffer)

- **DFG Forschergruppe 562**: Dynamics of soil processes under extreme meteorological boundary conditions. **2005 – 2011** (Matzner)

- **DFG Forschergruppe 1246**: Kilimanjaro ecosystems under global change. **2010 – 2013** (Steffan-Dewenter)
BayCEER Infrastructure

- Analytical Chemistry
- Laboratory of Isotope Biogeochemistry
- IT and Database Systems
- Field Technical Support
- BayCEER Office
Social-Ecological and Transdisciplinary Analysis of Ecosystem Services: Central Question

Highland Summer Vegetables

Atmosphere Climate

Intensive Land Use and Production

Soil Solution DOC, N and P Exchange

Trade-offs

Soyang Lake Conservation

Interactions and Impacts Related to Human Well-Being

Reservoir Water Quantity and Quality

www.bayceer.uni-bayreuth.de/terreco