

**EuMon Conference**  
 EU-wide monitoring methods and systems of surveillance for species and habitats of Community interest



**Leipzig, Germany**  
 28<sup>th</sup> – 30<sup>th</sup> January 2008

EuMon – EU-wide monitoring methods and systems of surveillance for species & habitats of Community interest – EuMon Conference: 28.- 30. January 2008






**Where you are:**  
 The Helmholtz Centre for Environmental Research  
 A short introduction

Leipzig, 28th of Jan. 2008



**DATA and FACTS**  
 about the Helmholtz Association


- 15 research centres
- 25,000 employees
- Budget: 2.2 billion Euro per annum

**COMBINED EXCELLENT SCIENCE**

The 6 Research Fields of the Helmholtz Association:

- Energy
- Key Technologies
- Earth & Environment**
- Structure of Matter
- Health
- Transport & Space



## UFZ – Data and Facts

You are here!



Leipzig



Halle



Magdeburg

### Personnel 2006

- approx. 830 employees
- 86 % in the scientific-technical domain
- approx. 150 postgraduates and post-docs
- approx. 65 guest scientists
- approx. 50 trainees in eight different fields

### Budget 2006

- 51 million EUR (funding Federal Ministry of Education and Research and federal states )
- 9.8 million EUR (third party funding, e.g. federal government, EU, etc.)

## The UFZ – Our Research Themes



1. Developing cities sustainably



2. Managing contaminated soils and groundwater



3. Remediation and sustainable use of mining lakes



4. Using microbiological diversity for the environment and health



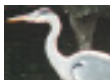
5. Preserving biodiversity



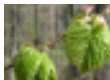
6. Managing water resources in river basins

## Biodiversity Research at UFZ

### Ressources

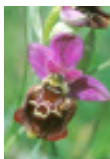


- about 25% of UFZ-Budgets
- about 70 scientists (plus third party funded projects)
- Coordinating 3 FP-projects, involved in 7 other



### Involved Departments

- Community Ecology
- Conservation Biology
- Ecological Modelling
- Economics
- Environmental and Planning Law
- Soil Ecology
- and several others



## Biodiversity Research at UFZ

### Topics

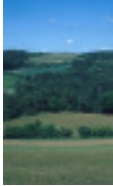


- Land use conflicts (e.g., production of renewable primary products)
- Ecological consequences of climate change and adaptation strategies
- Policies and institutional change for conserving biodiversity and ecosystem services
- Risk assessment and management of consequences of Global Change



# Biodiversity Research at UFZ

## Approaches



- Interdisciplinary
- Long-term
- Problem and transfer-oriented
- Science-society interface

## MONITORING INTERESTS

- GENERAL
- PLANTS
- BIRDS
- MAMMALS
- AMPHIBIANS
- BUTTERFLIES
- INSECTS
- HABITATS
- WATER ORGANISMS

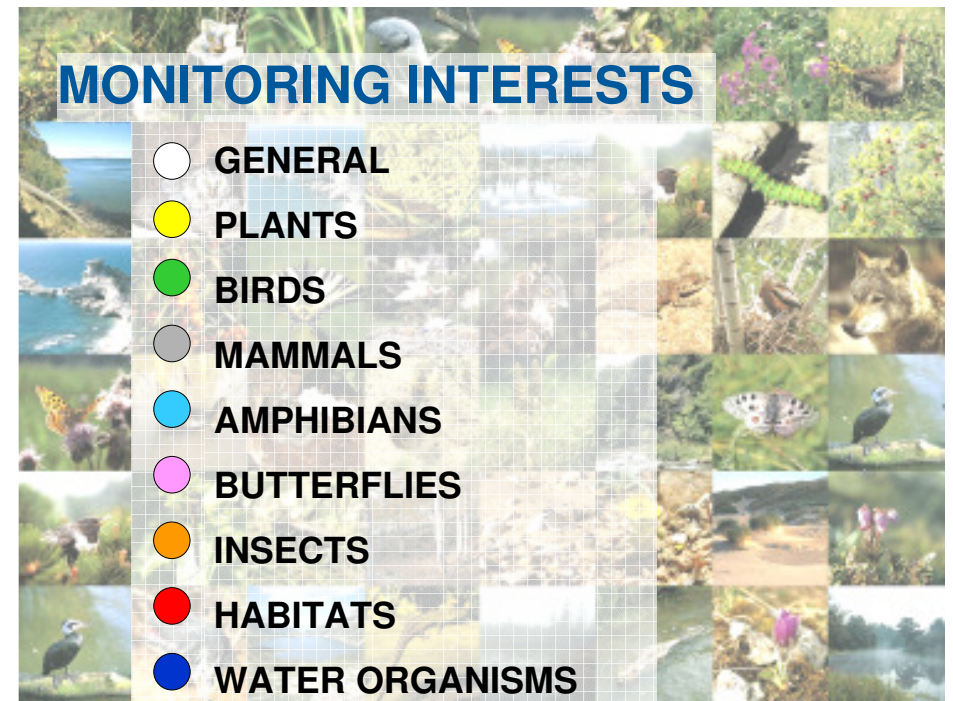


Foto: Josef Settele

**Thank you for your attention !**