

# The Center of Forestry Weiherstephan

**Structure, resources and possibilities  
for international joint research activities**



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BEOBAL Project conference

21-25 March 2007

Gyulechiza, Rila Mountain, Bulgaria



# Individual competence



School of Forest Science and Resource Management,  
Technical University Munich

- ★ **Basic research**
- ★ **Academic education**
- ★ **International studies**



Faculty of Forest Science and Forestry,  
University of Applied Sciences Weißenstephan

- ★ **Applied sciences**
- ★ **Practice-oriented education**
- ★ **Training courses**



Bavarian Forest Institute

- ★ **Applied research and development**
- ★ **Long-term monitoring and inventory**
- ★ **Consulting and knowledge transfer**

# Overall profile

- ✓ **Basic and applied research**
- ✓ **Long-term monitoring and inventory**
- ✓ **Consulting and knowledge transfer**
- ✓ **Academic and practice-oriented education**
- ✓ **Training courses**

# Basic and Applied Sciences

- ✓ **All forest-related basic sciences**
- ✓ **Forest operations / Forest economy**
- ✓ **Wood technology**
- ✓ **Landscape planning / Silviculture**
- ✓ **Wildlife management / Nature conservation**

# Support tasks

- ✓ **Coordination of multidisciplinary research projects**
- ✓ **Knowledge transfer from science to practice**
- ✓ **Marketing of research results**
- ✓ **Consulting and professional services in forestry**
- ✓ **Strengthening the forest sector in public and politics**



# Example for project co-operation:

each partner provides its special competence



*Soil-physical damages*  
**Basic research and theoretical approach** (PhD projects)



*Effects of soil-physical damages to the root system of the trees*  
**Long-term monitoring**



*Conceptional cooperation and „Diplom“ projects*  
**Support in training of students**

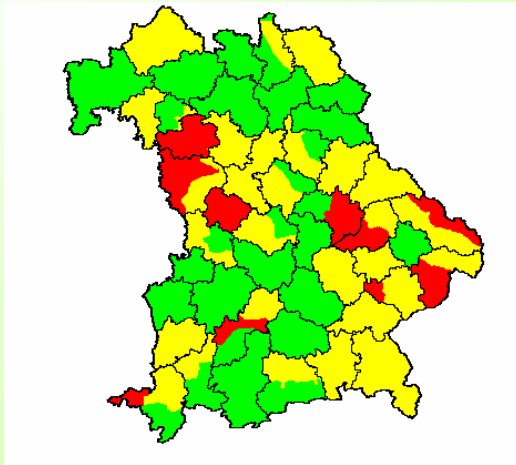


*Effects of different wheel and caterpillar harvester on forest soil characteristics and stand development*

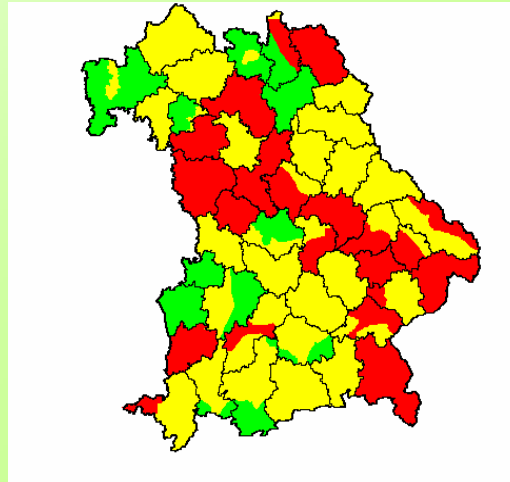
# Bark beetle monitoring and risk analysis

Basic research: LWF/TUM

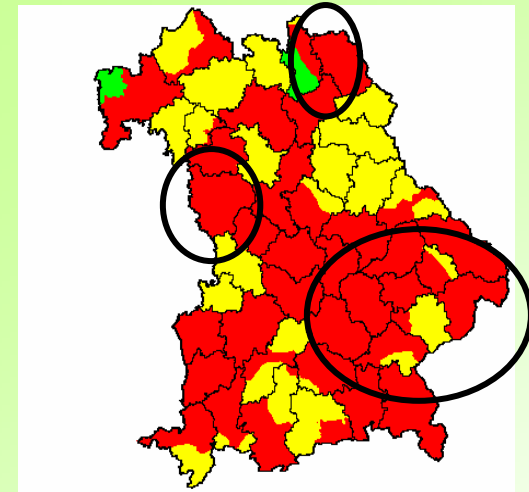
Operational service: LWF



May 26, 2006



June 27, 2006



July 31, 2006

- ▶ basic information provided by forest owners & LWF network
- ▶ aggregation / plausibility check by LWF
- ▶ on-line information to forest owners



# Academic courses

- ✓ “Sustainable Resource Management” (MSc)  
(international program; english course language)
- ✓ “Forest and Wood Science” (MSc)
- ✓ “Forest Science and Resource Management” (BSc)
- ✓ “Forest Management” (Dipl.-Ing. FH)