

# System of education in the field of land consolidation in the Czech Republic.

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# The overview of universities

Land consolidation is taught at:

- ▶ Czech Technical University in Prague
- ▶ Czech University of Agriculture Prague
- ▶ Mendel University of Agriculture and Forestry
- ▶ University of South Bohemia



# Czech Technical University in Prague

- Faculty of civil engineering
- **The department of surveying and land consolidation.**
- This department prepares specialists mostly in the field of surveying and in the second row the specialists in land consolidation planning. After several years of work experience the graduates are allowed to receive the authorisation for work in cadaster.  
The research activities are aimed on GPS .
- The head of the department is doc. Ing. Blažek Radim, CSc.

# Czech University of Agriculture Prague

- Faculty of Forestry and Environment
- Department of Land Use and Improvement
- **Characteristic of the department:**  
Land and water management, soil erosion control, surveying, quantitative aspects of environmental protection, river training and revitalisation, torrent control.
- International courses "Hydrological Data for Water Resources Planning" in cooperation with UNESCO.
- The head of department is prof. Ing. Kovář Pavel, DrSc.



# Mendel University of Agriculture and Forestry

- Agricultural faculty
- **Department of landscape ecology**
- Research activities: The linkage between weather, climate, agricultural and forest plants, Sustainable development in landscape, Amelioration, Soil protection.
- This Department prepares specialists for Land consolidation in three year study programme.
- The head of this department is prof. Ing. Toman František, CSc.



**The department of land  
consolidation in České  
Budějovice**



# University of South Bohemia, České Budějovice

- Faculty of Agriculture
- **Department of land consolidation**
- This department prepares specialists for land consolidation in the five years long study programme. After several years of work experience the graduates are allowed to receive the authorisation for work in land consolidation.

# History

- The first students were admitted for this study programme in 1996.
- The department itself was founded in the year 2002 due to the split of department of ecology into new sections.
- The overall number of students in this study programme is 220 at the moment.



# Surveying

- Photogrammetry and remote sensing
- Surveying and cartography
- Surveying tasks in cadaster
- Surveying I, II
- Surveying software
- Cartography
- Cartography drawing
- Geodesy and special surveying

# Land consolidation

- Agrometeorology
- Dendrology
- Water management in landscape
- Hydrology and river regulation
- Forest amelioration
- Drainage and irrigation
- Water resources exploitation and protection
- Land consolidation I, II
- Soil erosion and recultivation
- Revitalisation of landscape
- Land-use planning



# Present research activities

The department is at the moment involved:

- Suitable ways for submontane and mountain region management
- Structure and function of ecological landscape stability elements
- The application of soil and water alternative management system in landscape
- Water quality and quantity observation in small catchments

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