Intensive Training Program on

DISASTER PREVENTION AND REDUCTION WITH EMPHASIS ON FLOODS AND DROUGHTS


Department of Water Resources,
School of Forestry and Environmental Sciences
Czech University of Agriculture Prague
Prague
Czech Republic

sponsored by:
Czech Government
United Nations Strategy for Disaster Reduction Secretariat (ISDR)
Central European Disaster Prevention Forum (CEUDIP)

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An Intensive International Training Program on *Disaster Prevention and Reduction with emphasis on Floods and Drought* was held at the Czech Agricultural University in Prague, 27 June – 2 July 2005. MSc and PhD students and junior professionals were invited to enhance their knowledge in risk management of hydrometeorological disasters. 35 participants attended the training program, who came from 10 different countries (i.e. Austria, Bulgaria, Czech Republic, Germany, the Netherlands, Peru, Poland, Romania, Turkey, USA). Lecturers were from UN-ISDR, CEUDIP, Austria Czech Republic and the Netherlands. The following topics were addressed: (1) disaster prevention in a regional and international framework, (2) hazard, vulnerability assessment, (3) early warning, (4) national flood forecasting, (5) flood forecasting for small basins, incl. impact of land use (6) drought forecasting, (7) groundwater in flood emergency situations, (8) soil physics, floods and droughts, (9) sustainable development and drought prevention, and (10) role of civil society in emergency situation and legislation. In addition to lectures, a role play on disaster prevention and a computer practical on the impact assessment of human activities on droughts were organized. The participants visited the Czech Hydrometeorological Institute (CHMI), where the operational joint meteorological and hydrological forecasting system was demonstrated. A field trip was organized to the Jizera Mountains (north Czech Republic), where the Mseno Dam (leakage problems were solved with a seal gallery below the dam) and Bílá Desná catchment (dam failure) were visited. Additionally, hydrometeorological measurements for hydrological forecasting were demonstrated in the Černá Nisa experimental catchment. Lecturers and course participants appreciated the good facilities offered by the Czech Agricultural University and the platform to discuss Disaster Prevention and Reduction from different backgrounds.

**Lecturers:**
- Mohamed Abchir, United Nations Strategy for Disaster Reduction Secretariat (ISDR), Geneva, Switzerland
- Hubert Holzmann, University of Agricultural Sciences (BOKU), Vienna, Austria
- Terry Jeggle, United Nations Strategy for Disaster Reduction Secretariat (ISDR), Geneva, Switzerland
- Pavel Kovar, Czech Agricultural University, Prague, Czech Republic
- Henny van Lanen, Wageningen University, the Netherlands
- Peter Nachtnebel, University of Agricultural Sciences (BOKU), Vienna, Austria
- Jaromír Nemec, Central European Disaster Prevention Forum (CEUDIP), Prague, Czech Republic
- Jan Silar, Charles University, Prague, Czech Republic

**Contact person:**
Pavel Kovar, Department of Water Resources, School of Forestry and Environmental Sciences, Czech University of Agriculture Prague, 165 21 Prague 6 - Suchdol, Czech Republic (michalkova@fle.czu.cz)