



CLAVIER: Climate change and variability: Impact on Central and Eastern Europe

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Observational records show that the global climate is changing and ongoing changes are also visible in Central Eastern Europe. About 64% of all catastrophic events in Europe since 1980 can directly be attributed to weather and climate extremes. Climate change projections show even an increasing likelihood of extremes. Certainly negative impacts of climate change will involve significant economic losses in several regions of Europe, while others may bring health or welfare problems somewhere else. Within CLAVIER three representative Central and Eastern European Countries (CEEC) will be studied in detail: Hungary, Romania, and Bulgaria. CLAVIER addresses the following three scientific goals:

1. Investigation of ongoing and future climate changes and their associated uncertainties in Central and Eastern European Countries (CEEC)
2. Analyses of possible impact of climate changes in CEEC on weather pattern and extremes, air pollution, human health, natural ecosystems, forestry, agriculture and infrastructure as well as water resources
3. Evaluation of the economic impacts of climate changes on CEEC economies, concentrating on four economic sectors, which are agriculture, tourism, energy supply and the public sector

The CLAVIER project is supported by the European Commission's 6th Framework Programme as a 3 year Specific Targeted Research Project from 2007 - 2009 under the Thematic Sub-Priority "Global Change and Ecosystems".

An overview about the scientific goals and the structure of CLAVIER will be presented.