



## PRESS RELEASE

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### Final Trainings on Land Use Map Upgrading, Climate and Flow Prediction, and Natural Hazard Analysis

KHUJAND – Final trainings on land use map upgrading, climate and flow prediction, natural hazard analysis and assessment in small river basins of Central Asia have taken place in the framework of the EU action “Water Management and Basin Organisations in Central Asia (WMBOCA)”, implemented by [Deutsche Gesellschaft für Internationale Zusammenarbeit \(GIZ\) GmbH](#) Transboundary Water Management in Central Asia Programme.

During two weeks, on 25 Feb.- 7 March 2013, specialists from Tajik and Kyrgyz water management organisations and related agencies, scientists from University of Wuerzburg, and representatives of the WMBOCA Project have discussed theoretical approach and practical solutions on climate change and flow prediction in Central Asia, namely, for Isfara and Murgab river basins.

The main objectives of the series of trainings on climate change are projection of air temperature, precipitation and available flow for the year 2050 in the Isfara and Murgab river basins based on suitable models and approaches from the Intergovernmental Panel on Climate Change (IPCC) and consideration of consequences for Central Asia. Another important objective is preparation of methodology for the prediction of climate and flow changes in small Central Asian basins such as Isfara and Murgab.

Conceptual understanding of the climate change issue and its consequences for the river basins was complemented by technical parts, such as using Google Earth tools, map generation, particularly, contributions to development of the map on natural hazard risk and its integration into the Isfara Basin land use map. Participants also worked on modelling of potential duration of snow coverage and practiced to prepare algorithms for climate change and runoff predictions in Central Asian Basins.

Series of trainings on adaptation to climate change have been conducted since October 2012 and dedicated to prepare contributions to the basin planning activities. The results will become draft contributions to the Isfara Basin plan preparation in 2013-2014.

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