

Pre-Announcement

## Summer School

### „Methods and tools for the assessment, modeling and monitoring of Central Asian water and land resources“

#### 1 Dates & Venue

Summer school: 12<sup>th</sup> – 24<sup>th</sup> May 2014

Venue: German-Kazakh University (DKU), Almaty, Republic of Kazakhstan

#### 2 Topics and Participation

The Summer School will introduce scientific concepts, methods and tools for the analysis, modeling and monitoring of land and water resources in Central Asia. These methods are of great value in a framework of integrated water and land resources management (IWRM and IWLM, respectively).

The 2-week Summer School will combine theoretical lectures and practical exercises with discussion sessions on the implementation of IWRM and IWLM in Central Asia. The programme will include an introduction to geographical-informational systems (GIS), an overview on remote sensing applications for land and water resources monitoring, an introduction to hydrometeorological monitoring techniques, climate change impact assessment, and assessment of irrigation efficiencies.

The Summer School addresses dedicated master and PhD students as well as junior university teachers and researchers with interest in IWRM and its practical implementation. Eligible are participants from the following Central Asian countries: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, and Afghanistan. The courses will be held in English with translation into Russian language.

The Summer School is funded by the German Federal Foreign Office in the frame of the CAWA Project as part of the “German Water Initiative for Central Asia” (so-called “Berlin Process”). Travel expenses for the accepted participants will be covered by the organizers.

Programme details and application deadlines will be published in February 2014 at the CAWA Project website [www.cawa-project.net](http://www.cawa-project.net).



31 January 2014

### 3 Organizers

"Regional Research Network Water in Central Asia"

#### CAWA Project

[www.cawa-project.net](http://www.cawa-project.net)



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