

EU China RBMP

The objective of the EU-China River Basin Management Programme (RBMP) is to establish integrated river basin management practices in the Yellow and Yangtze River Basins that are environmentally sustainable and address global, national and local environmental concerns, and which can be replicated in other regions of China.

The IWRM/IRBM training course aims to enhance the knowledge and skills in modern water resources management as supplement to the strong water resources and hydraulic engineering skills that already exist in China.



Target group:

Bachelor/Master degree in water-related sciences, or a comparable academic education, preferably already engaged in or studying river basin planning or management.

Number of trainees: 20.

Language & computers:

All lectures will be given in English; therefore high level of English (written and spoken) is mandatory. Trainees must be able to understand lecturing in English and must bring their own notebook computers for exercises

Application:

Write to the contact person.

Deadline: 31 May 2010

All costs are supported by the RBMP

Please notice:

Course participation is restricted to the beneficiaries of the EU China RBMP. However in 2011 the course will be opened to broader participation. Interest in the 2011 course may be submitted to the organizers. An extra course may be organized on demand.



**International Training Course on
IWRM/IRBM
River Basin Management Programme**

**Jointly organized
by**

**Institute of Geographic Sciences &
Natural Resources Research (IGSNRR),
Centre for Water Resources Research,
Chinese Academy of Sciences (CAS)**
<http://www.igsnrr.ac.cn/>
&
**North China University of Water
Conservancy and Hydropower (NCWU)**
<http://www.ncwu.edu.cn/>



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Content

The purpose of the International Training Course on IWRM and IRBM is to raise the capacity of Chinese specialists from different layers of government and professional sectors in the disciplines required to prepare and implement Integrated River Basin Management. With the contribution of state-of-art European experience in Water Resources Management and River Basin Management Planning, and the input of advanced knowledge from Chinese university and research institutes, this programme offers a radical new approach that integrates multi-scale research technologies and participatory strategies to allow complete river basin analysis.

Students will achieve significant improvement in the following aspects: water resources policies, water resources analysis, allocation and modeling; technical, administrative and economic tools, role of government and other stakeholders, multi-criteria evaluation framework, etc.

The first course was successfully held in December 2009. Course 2 and more will be held in 2010 and 2011, with additional topics to be introduced and backed by Chinese case studies.

Timing and Program

14-19 June 2010, North China University of Water Conservancy and Hydropower (NCWU), Zhengzhou, China

Focus: Soil and water conservation (SWC), Water resources assessment and demand management (WRADM)

Features: Lectures, exercises, group work

Brief Program:

M O	Introduction and SWC-Baseline Survey: Delineation, subdivision of river basins, from point/line to 3D information.
T U	SWC-Characterization: Terrestrial modeling, erosion risk assessment including DEM for slope mapping, rainfall, soil type, vegetation, soil erosion and erosion risk map.
W E	WRADM (1): Water resources assessment, strategic / outline planning, Analysis of options/sector planning.
T H	WRADM (2): Financial and economic tools, administrative tools, conflict resolution.
F R	WRADM (3): Water allocation by LINGO for the test basin, technical water allocation for the test basin. Closure.

A certificate will be issued at the end of the course.

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IGSNRR

The Institute of Geographic Sciences and Natural Resources Research (IGSNRR), Chinese Academy of Sciences, was established in 1999 through a merger of two former CAS institutes: The Institute of Geography and The Commission for Integrated Survey of Natural Resources. Inheriting the reputation and success of its predecessors, being distinguished in the engagement in and contribution to the development of geography and natural resources assessment and research, it is now one of the well-functioning and internationally recognized institutes in China.

NCWU

North China University of Water Conservancy and Hydropower (NCWU) was founded in 1951. Being a full-time state-run multidisciplinary university with strength in fields of water conservancy and hydropower, it is ranked as "Excellent" in the evaluation of Undergraduate Teaching by the Ministry of Education. It is a core university enjoying support from the Henan Province.