

DFG-NSFC (National Natural Science Foundation of China) funded CAWR-Project (UFZ, TUD, Chinese Academy of Sciences) builds a Sino-German research network by leading Chinese scientists with their research groups and German experts in the field of environmental informatics, hydrology, climatology and remote sensing.

Objectives:

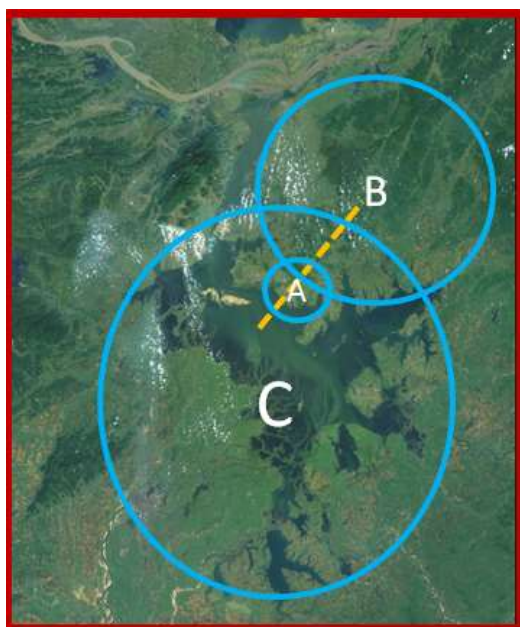
- Models for simulating water resources changes
- Models for detecting land-cover changes
- Models for modeling ecosystem-change driving forces
- A modelling platform prototype to integrate the above mentioned models

Aims:

- The envisaged project is dedicated to gain a better understanding of the system lake including the analysis of multiple (natural and antropogenic) stresses on aquatic ecosystems for the study area –Poyang Lake.



Legend: 1 Shanghai, 2 Nanjing, 3 Chaohu / Heifei, 4 Nanchang, 5 Wuhan, 6 Three Gorges Dam, 7 Chongqing



- The Poyang Lake (PL) is an appropriate and prominent investigation area, well suited for the interdisciplinary eco-hydrology research concept.
- This initiative forms the basis for intensive exchange of research methods and knowledge, and is intended to the development of bilateral research project proposals.
- The research activities concerns the water and ecosystem management aspects and in the long term, the impact of climate change on the eco- and hydrosystems evolution is be studied.



Participants of the 1st Workshop of the Sino-German Cooperation Group in Leipzig/Dresden, September 2015