

Helmholtz funded CAWR-Project (UFZ, DLR, FZJ, KIT, TUD, Chinese Academy of Sciences) coordinates Helmholtz International Research Network „Joint Research Centre for Environmental Information Science“.

#### Methods:

- Further development and combination of different infrastructures for Earth system observation, e.g. combining information from remote sensing (satellites and airborne) and “ground-truth” measurements.
- Monitoring (remote sensing and “ground-truth”) and modelling platforms (multi-sphere/ compartment, cycle-oriented) are to be combined.

#### Aims:

- Joint Sino-German Competence Center for Environmental Information Science for earth system observation and prediction.



- The Sino-German Research Centre for Environmental Information Science (RCEIS) was established in March 2014. It is a Sino-German competence center and research platform for Earth systems observation and prediction.
- Combining expertise in the fields of environmental and information sciences using modern information technology.
- RCEIS develops novel concepts by using infrastructures for Earth system observation and analysis in order to better understand the evolution and dynamics of environmental systems under global change and globalization (anthropogenic pressure).



source: Chinese Academy of Sciences, Opening Ceremony on 24, November 2014, Beijing