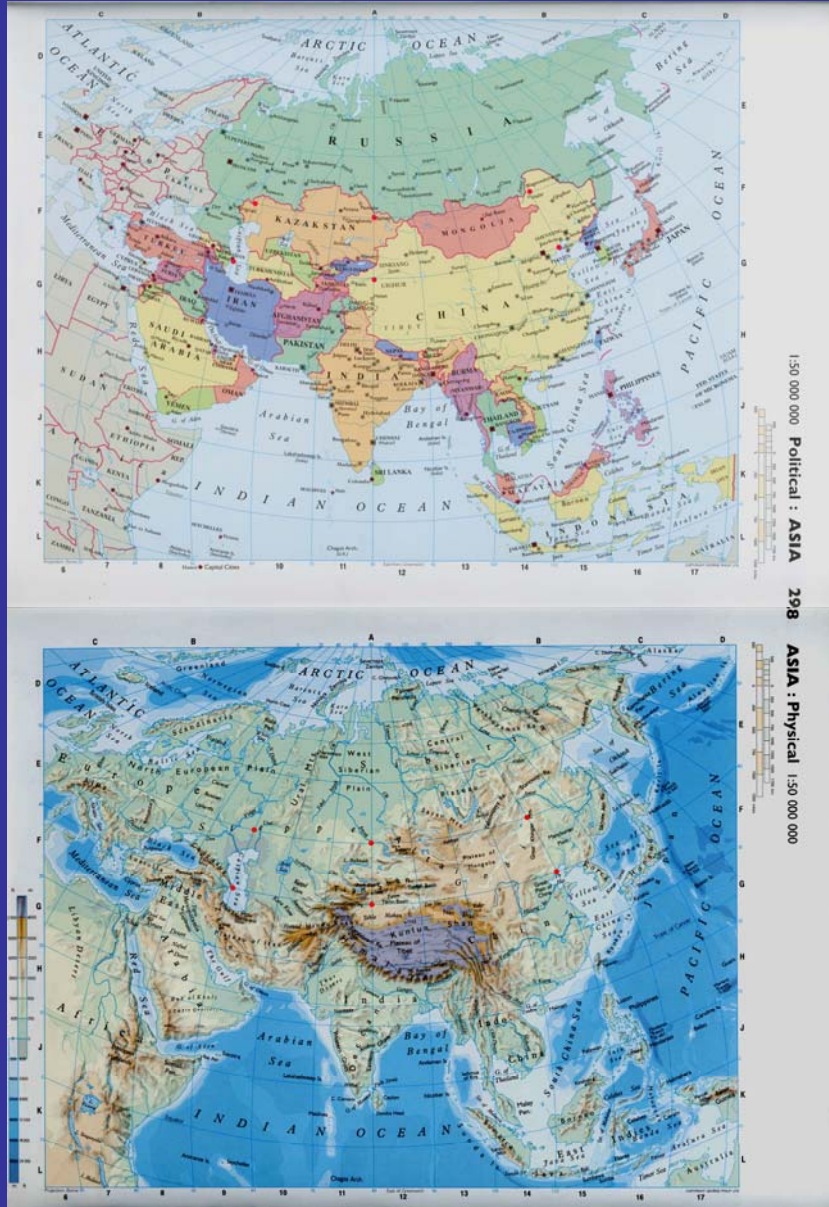


Research Scope of the CAS Studies in the NEESPI domain

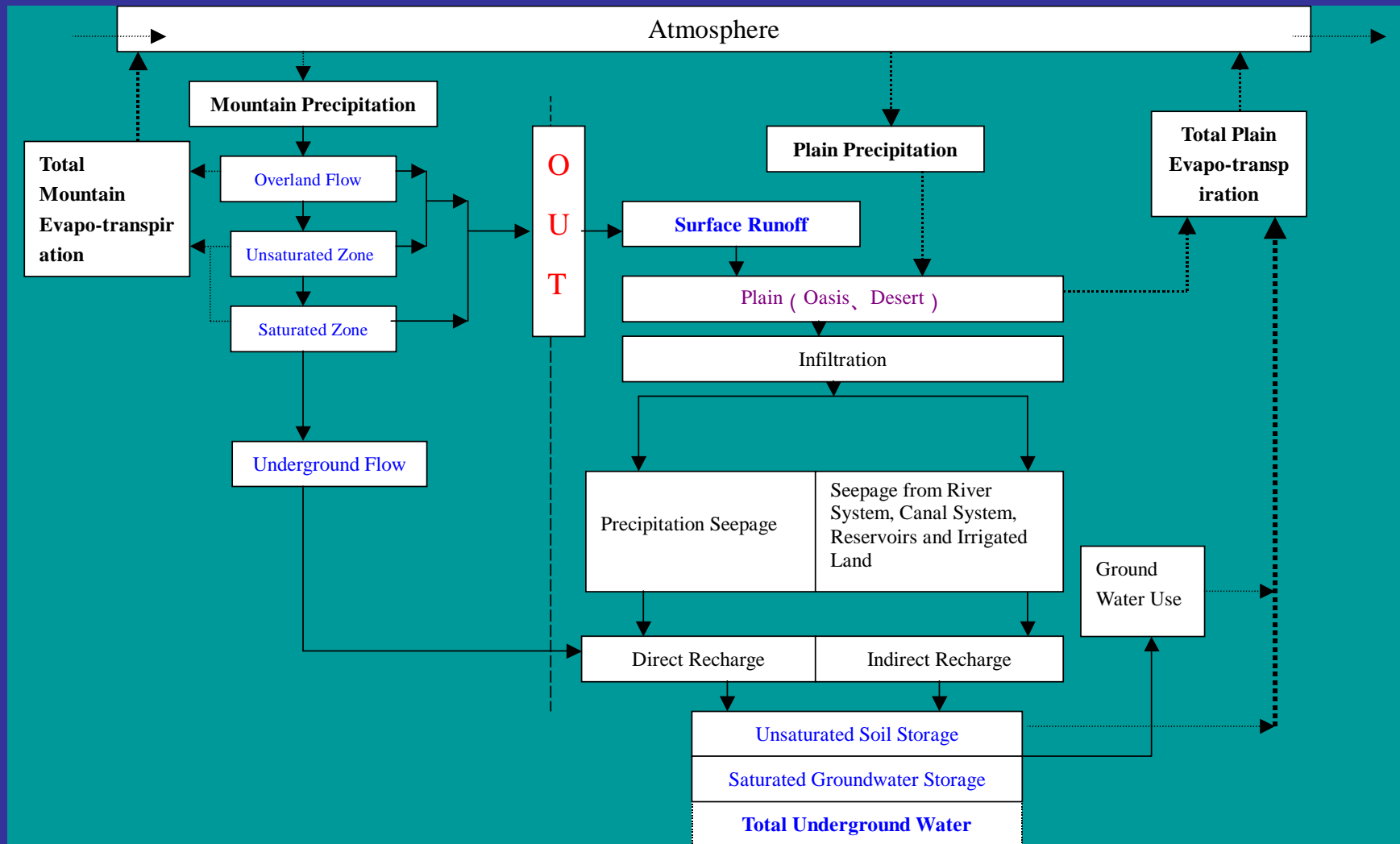


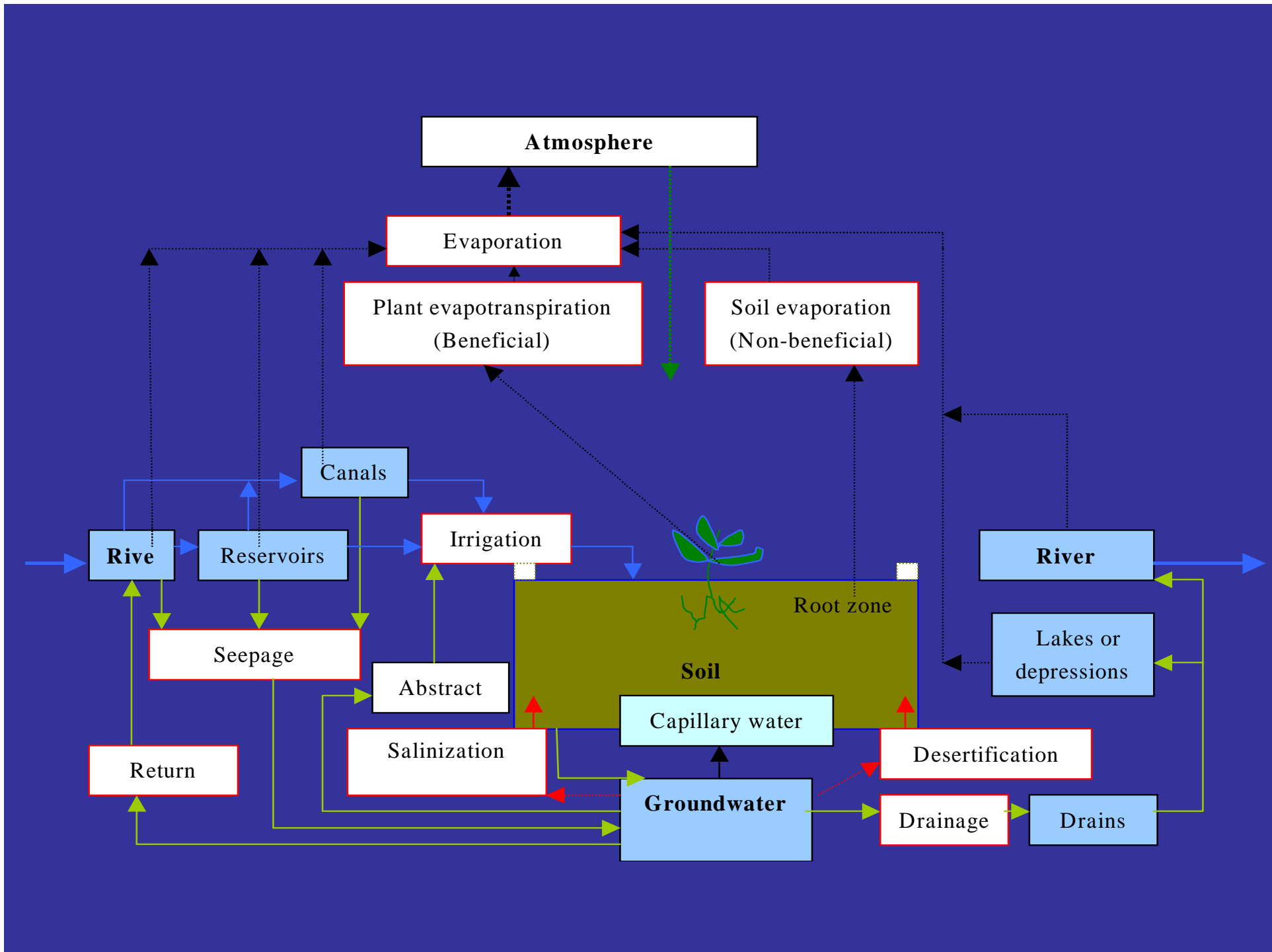
NEESPI Summit, May 3-4, 2007, Helsinki, Finland

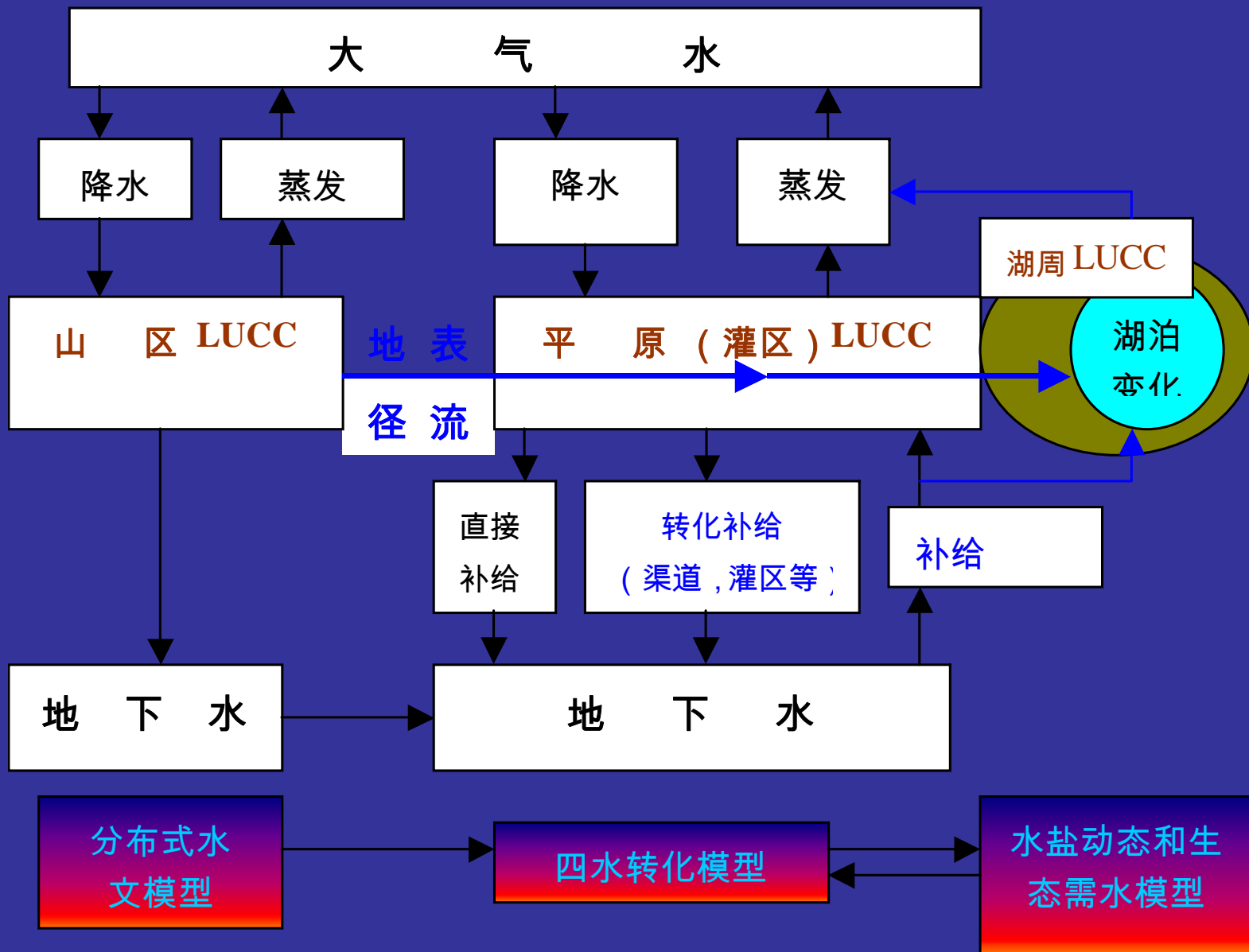
Research focuses

- 1. Integrated data management and analysis platform for ecological observation and assessment**
- 2. Ecosystem change trend in recent 30 years**
- 3. Driving forces and driving mechanism of ecosystem changes**
- 4. Driving forces of spatial distribution, process and service changes of different ecosystems**
- 5. Ecosystem scenarios in next 50 years would be developed on national, regional and local levels**
- 6. Relationship among ecosystem services in different regions and decision support for ecological compensation**

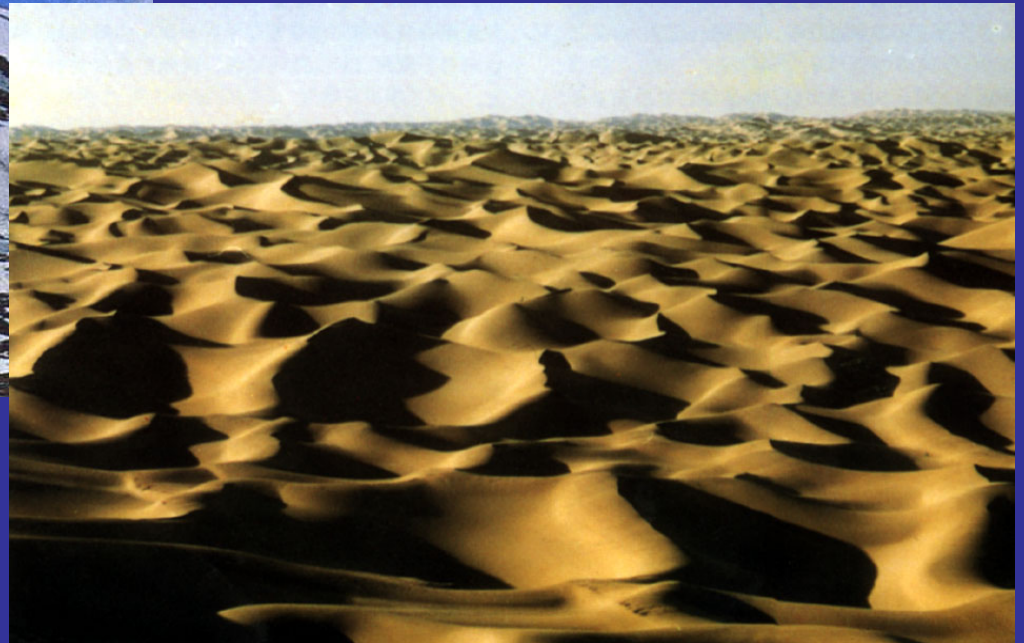
Interaction between land, atmosphere, hydrological Circle







Glacier and Desertification,



PUBs: Prediction on Un- gauged River basins

Flood and Vegetation



Flood of Tarim River on August 20, 1994

0 66 132 km



Institutional Framework

NEESPI International

Regional FRC for Dry Land Processes Studies

Chinese Partners:

Relevant Institutes of the CAS
Relevant Universities
Relevant Bureaus of **Competent**
Ministries and Provincial
Governments

Common Interests
Arrangement
Donors
Networking
Sharing & Exchange

Related International
Partners:
need to be identified