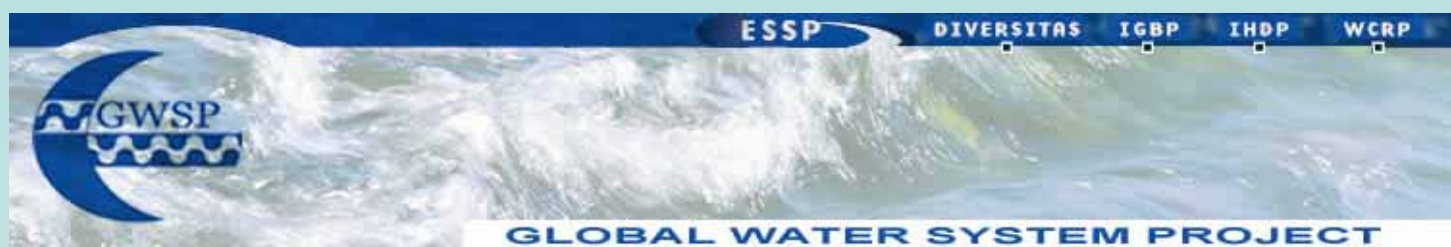




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GWSP CAPACITY BUILDING UP:

(1) Database; (2) Training

Changming Liu

Inst. Of Geographic Science & Natural Resource Research, CAS

Chair, or GWSP CNC & Member, GWSP SSC



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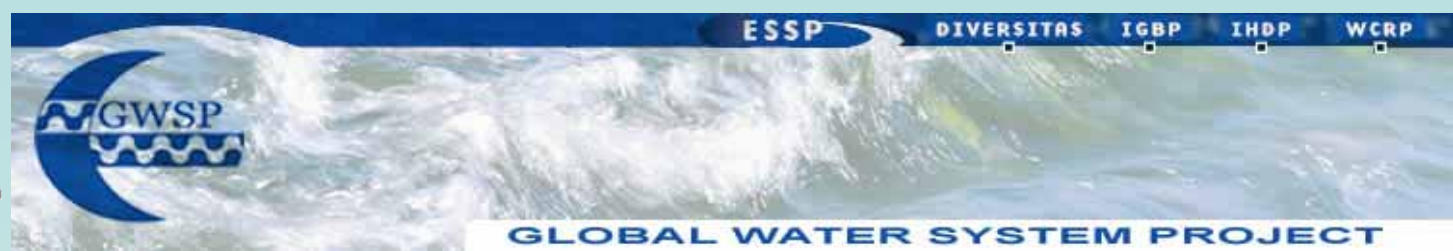
The GWSP Information Base ...

... will provide a valuable tool for studying the global water system. The Information Base will be realized by :

- 1** constructing a meta-database of information sources about the global water system;
- 2** identifying critical data gaps in global water studies;
- 3** developing new indicators of the status of the global water system;
- 4** mapping and assessing the current and past state of water systems worldwide;
- 5** building a comprehensive GWSP Database about the global water system.



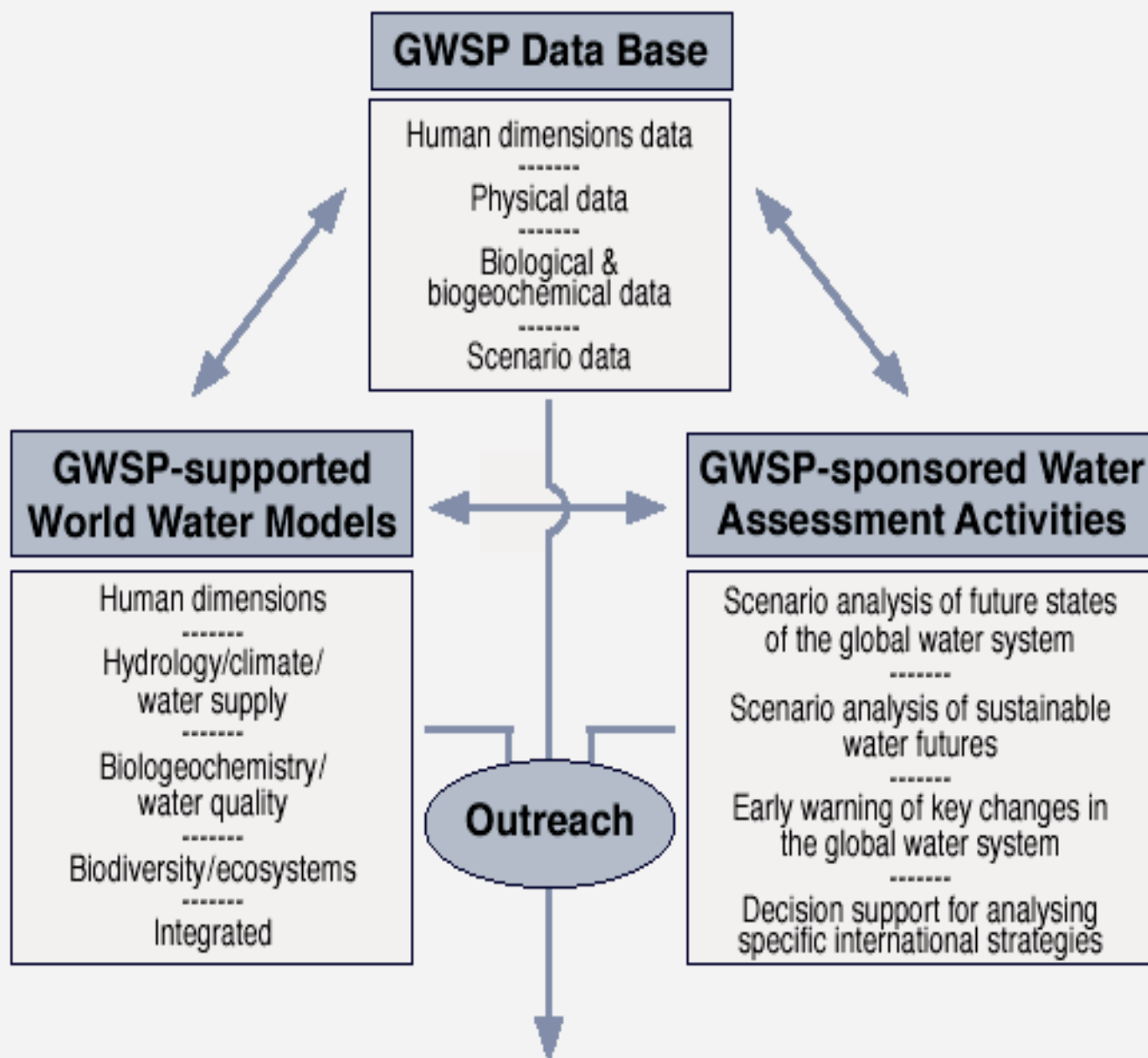
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Types of Data mainly consist

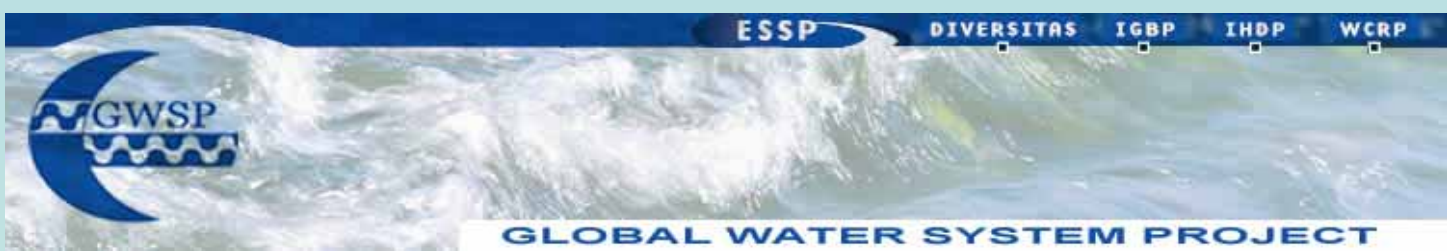
- (1) Human dimension including socio-economic data**
- (2) Physical data;**
- (3) Biological & biogeochemical data;**
- (4) Scenario data**

The GWSP Data and Modelling System

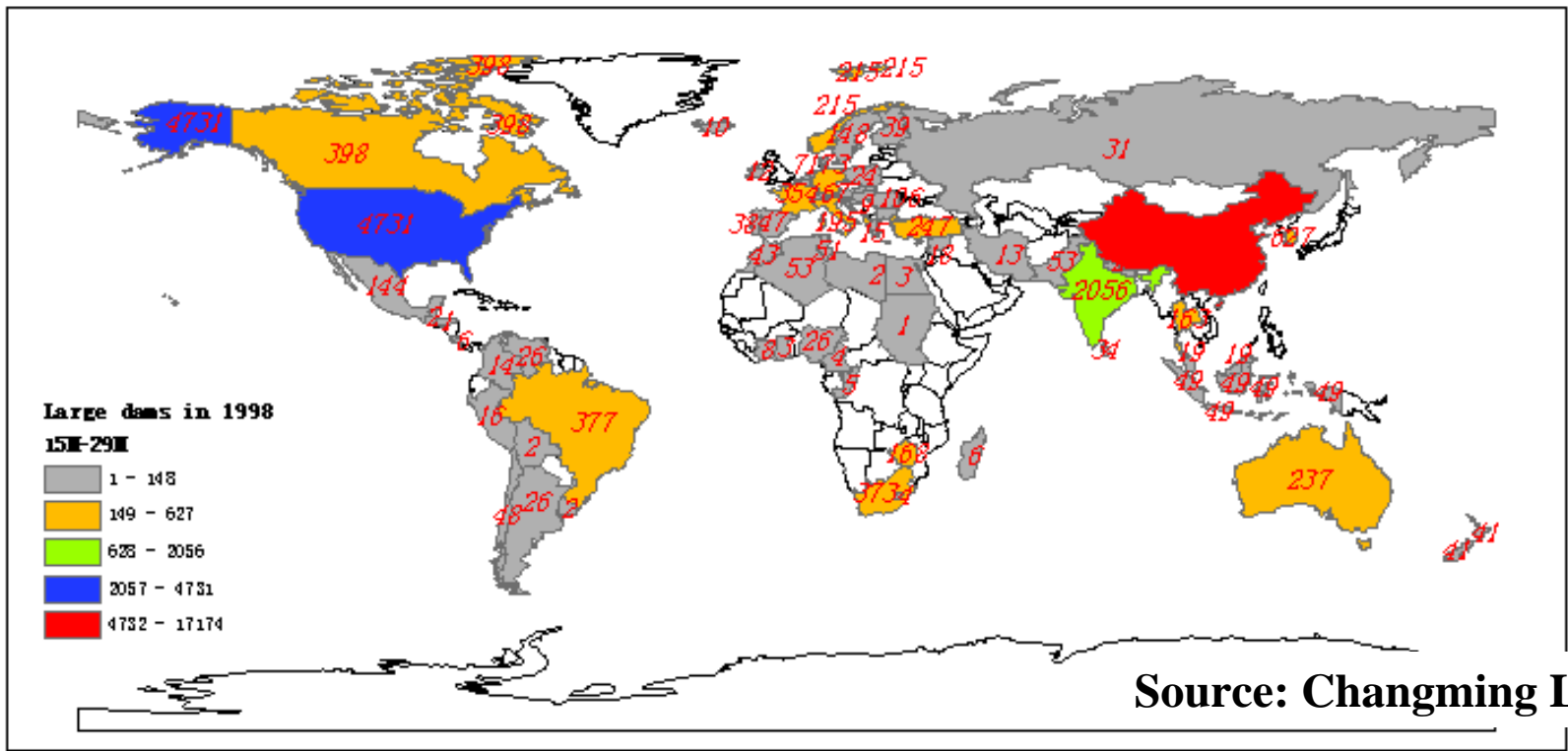




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For example: “Digital Water Atlas” Database



Source: Changming Liu

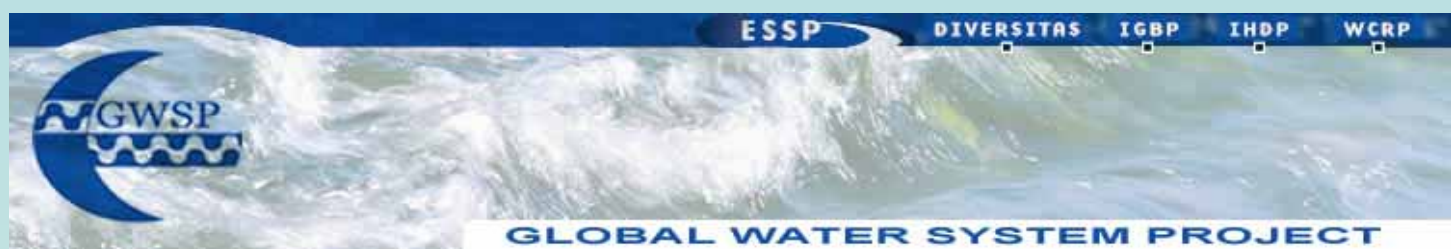
Dr. E. Marcel from GWSP IPO made a efforts:

Global Dam-DB Effort

- ▶ First workshop in April 2006
 - ▶ Consolidation of existing efforts
 - ▶ Setting geographical location to dams
 - ▶ Currently involved
 - Greifswald University Dam Database
 - NOAA DB on Californian Dams
 - Umea University/TNC Dam Database
 - Global Lakes and Wetlands (GLWD)
 - FAO African Dams Database
 - University of Yamanashi, Global Dam & Reservoir Database
 - Eldred2 (European Lakes and Reservoirs database)
 - UNH and UNH/NEWS Dam Database
- (Marcel Endejan)



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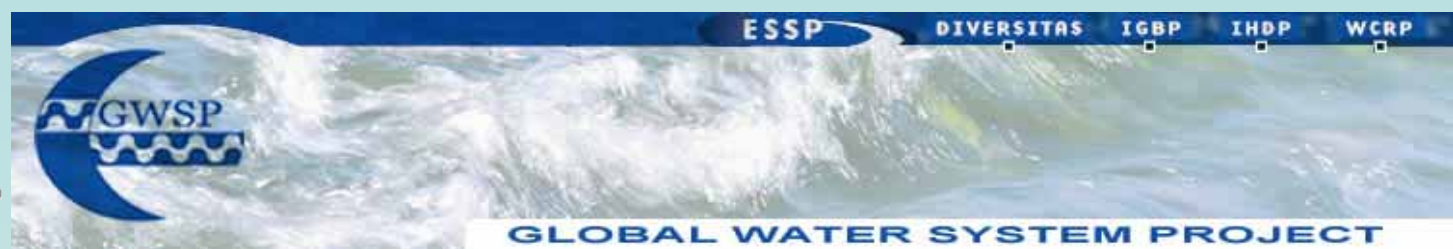


GWSP Capacity Building

Orientation towards the needs of society through water resource community;



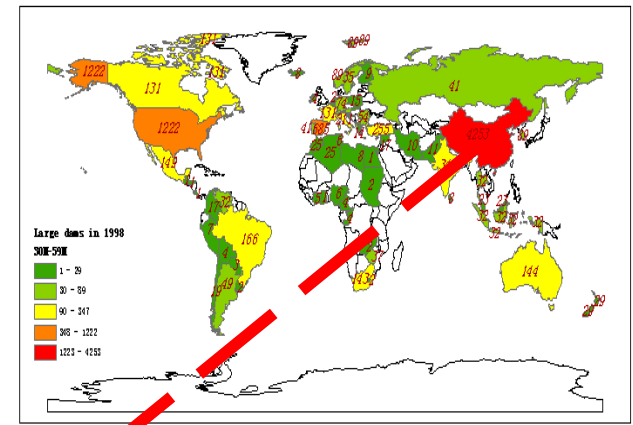
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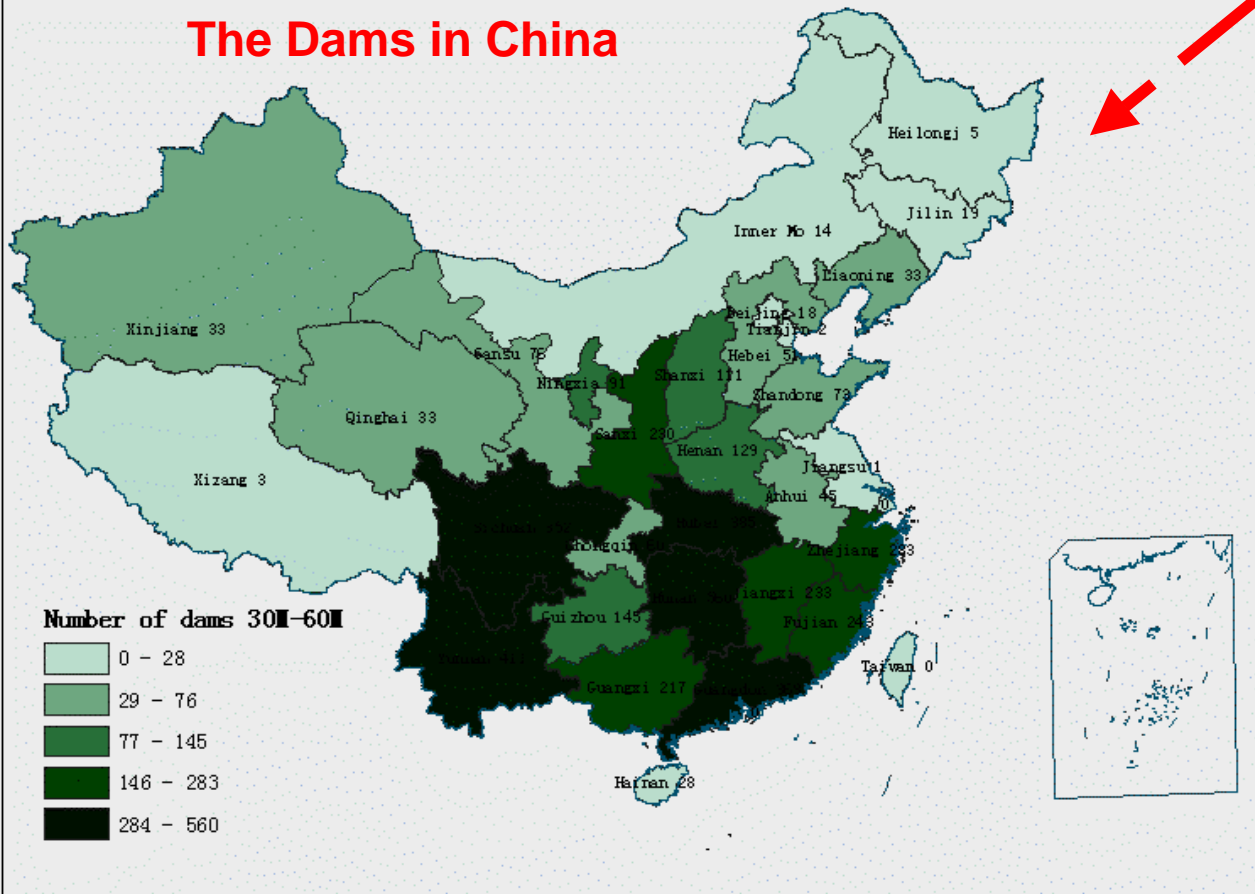
GWSP Capacity Building Training Plans including:

- ◆ Training & research workshop for young scientists;
- ◆ 100 student training funds to be arranged by help of ESSP;
- ◆ Developing new university curricula;
- ◆ Producing innovative web-based teaching packages.

THANK YOU !



The Dams in China



Chinese National Committee