



Global Water
System Project



Earth System
Science Partnership

Digital Water Atlas (DWA)

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Recap: Ultimate Goal

The purpose and intent of the Digital Water Atlas is to describe the basic elements of the Global Water System, the interlinkages of the elements and changes in the state of the Global Water System by creating a consistent set of annotated maps.

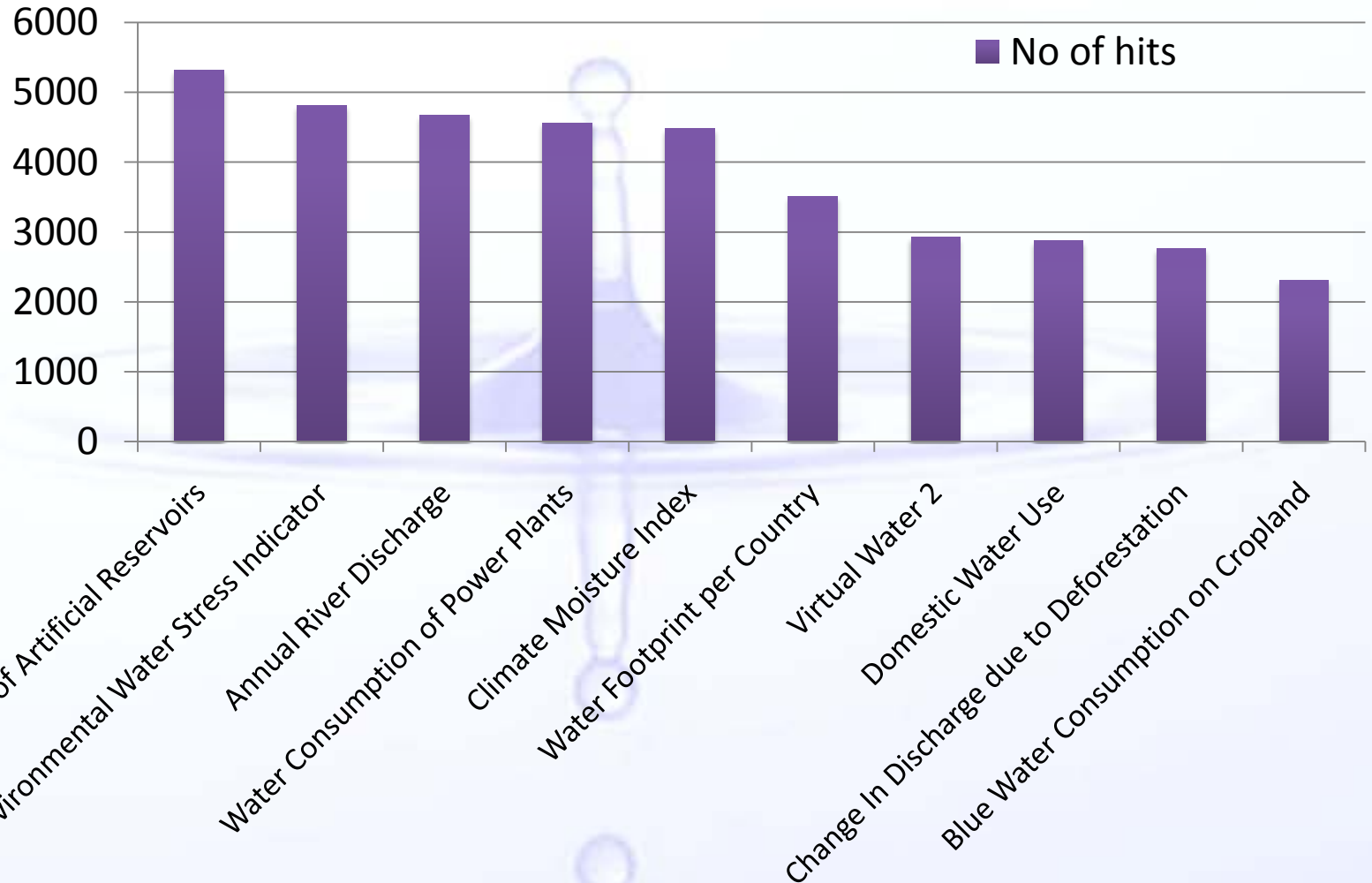


Status

- 68 global maps (including descriptions & corresponding datasets for download)
- 141 web links to other info/data sources
- > 120,000 map visits
- > 1600 registered users from ~45 countries
- > 4100 dataset downloads
- Last update of maps: Sept 2008

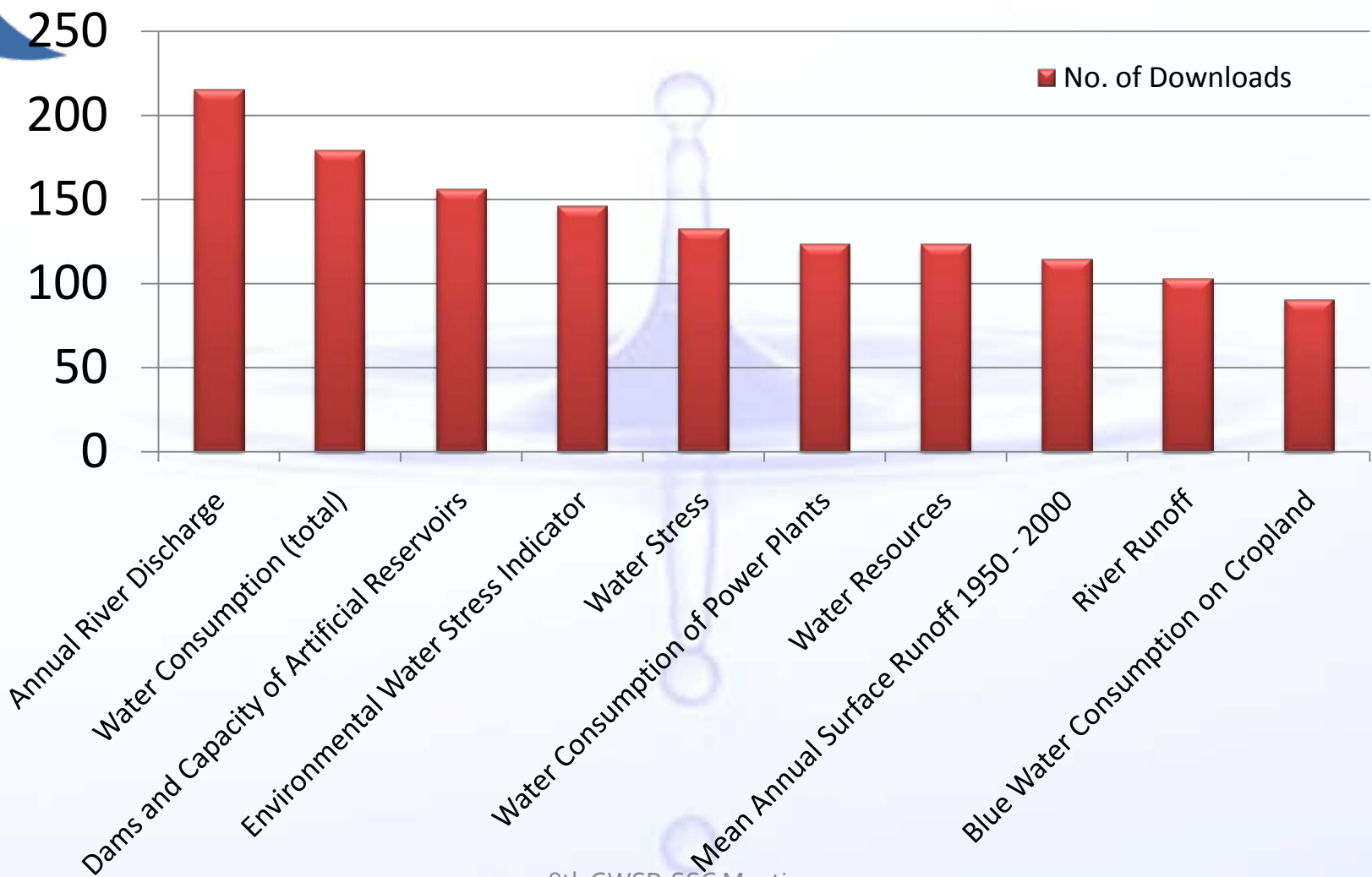


Top 10 Maps





Top 10 Dataset downloads



Improvements 1/2

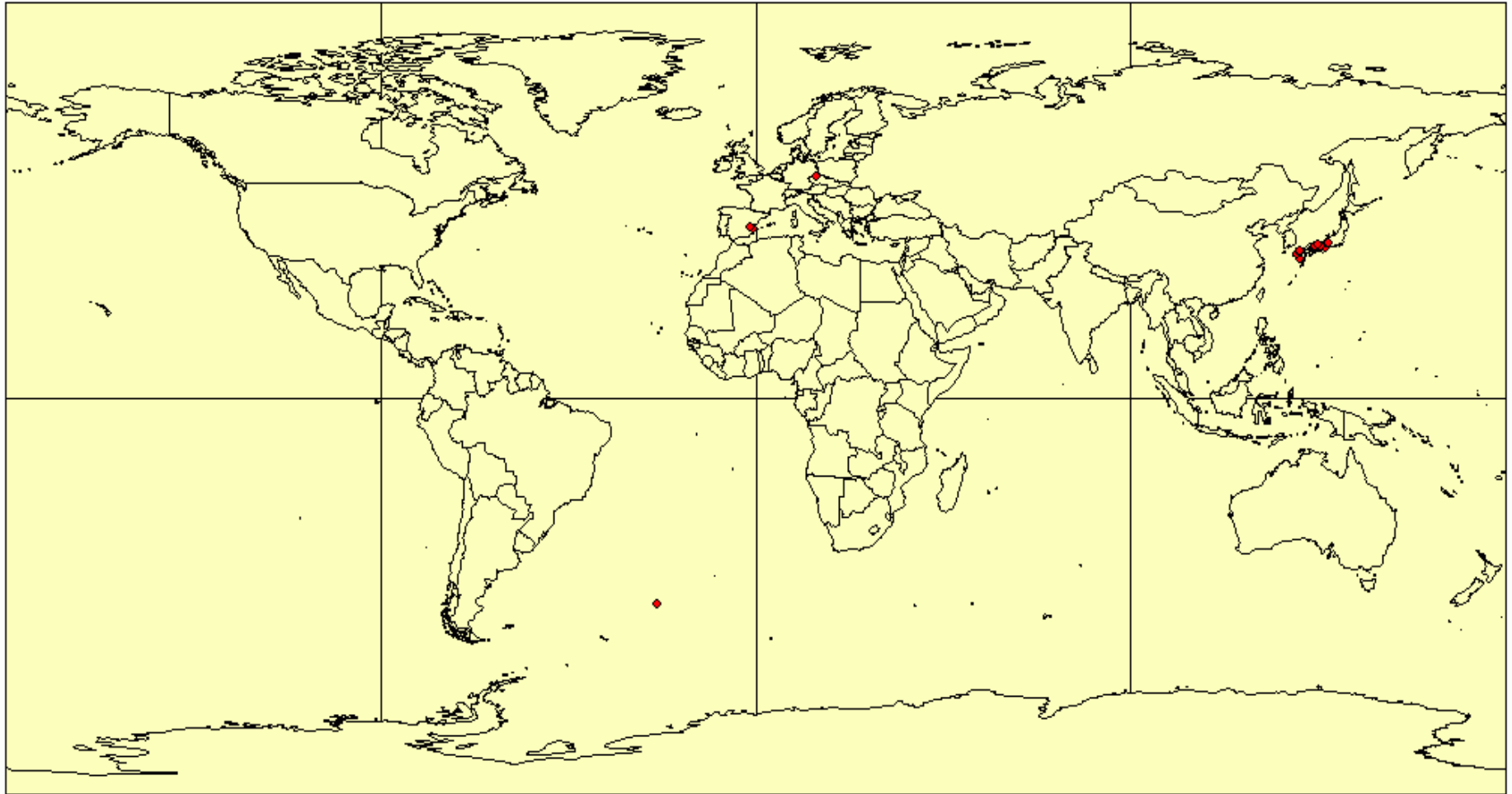
- Content (keep the Atlas being an ,attractive‘ source of information)
 - Review descriptions/interpretation
 - Include new and updated maps/datasets (including future scenarios)
 - Include series of datasets (e.g. 12 datasets representing monthly mean values of precipitation....maybe animated images)
 - Review and extend conceptual model
 - Include a section about the models used to produce the maps (e.g. WaterGAP)
 - Include information/links to providers of maps



Improvements 2/2

- **Functionality (make Atlas a central entry point for GWSP)**
 - Include Web2.0 functions (e.g. to allow discussions)
- **Cooperation (increase people involved)**
 - Contact potential cooperation partners
 - Define a process for users to provide new maps
- **Hardware & Software (ensure provision of service)**
 - Update server software (using open-source software and a virtual server concept) [almost done]
 - Move server to another hardware [under preparation]

1750-2000



Possible next steps

- Revise map descriptions/interpretations
- Include a set of selected, highly 'attractive' new maps
 - Use data/maps from GWSP workshops on deltas and the 'database on dams'
 - Concentrate on datasets that are on the GWSP 'wish list'
- Publish the Atlas as a printed version
 - Use the series of 'GWSP Issues in Global Water System Research' for a first and simple version to attract more data providers
- Provide updated versions of maps (see also Top 10 datasets) and maps for future scenarios
- Revise and discuss the conceptual framework
 - Include all available maps and all maps that are on the 'wish list' to conceptual framework



THANK YOU