INFORMATION SYSTEM

“CAREWIB”

CENTRAL ASIA REGIONAL WATER INFORMATION BASE

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CAREWIB is guided in support of the interstate and national management and development of water and ecological sectors of the Aral sea basin. IS intended for ongoing and perspective planning of water-agriculture-economic problems at a level of the departments and ministries, members of ICWC.
The developed database under the project CAREWIB is an effective system of maintenance of bodies of state authority, bodies of ICWC, ministries and departments of all region of the Aral sea basin and has reliable water-agriculture-economic information.

**THE BASIC PARAMETERS of the INFORMATION IN DATABASE**

- **LAND BLOCK**
  - Irrigation areas and its distribution, crops, salinity, drainage parameters

- **WATER BLOCK**
  - Water resources, surface water, underground water, return flow, water consumption, water balance.

- **ECONOMIC BLOCK**
  - Population, demography, standard of living, volumes of production, investment

The period of available information - 1980 to 2005 (year, season, month)

In total, information system includes more than 150 parameters.
EXAMPLE OF DISPLAY OF THE INFORMATION BY THE CHOSEN OBJECT (RESERVOIR)

DISPLAY OF THE DATA IN THE SEPARATE FORMS OF SYSTEM (WATER VOLUME, INFLOW, OUTFLOW AND oth.)
Irrigation areas

Yield of crops
Level of the population living

Demographic parameters
Surface water resources

Intakes from underground water
Information system in the internet: on-line data

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The data on intakes in the Amudarya and Syrdarya river basins are called to help the personnel engaged in distribution of water resources in the Aral sea basin. The comparison operative prognozing and fact sheet will allow the experts to raise quality of water resources management of region.