

DATA EXCHANGE IN CENTRAL ASIA, THE EXAMPLE OF HYDROMET COOPERATION

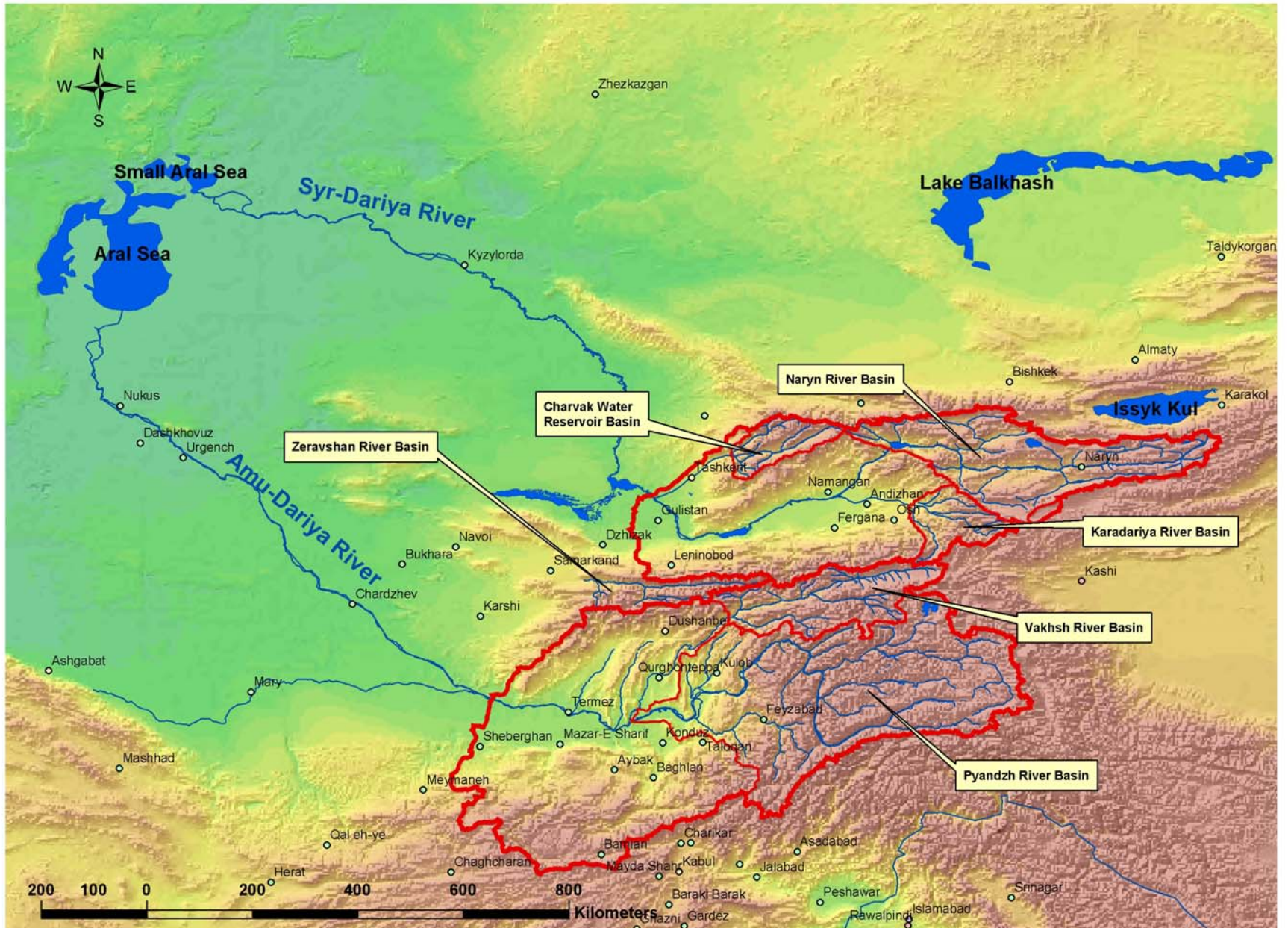
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TRANSBOUNDARY RIVER BASINS

UzHydromet





THE STATE OF HYDROLOGICAL NETWORK

Country	Number of hydrological posts		
	80th	1996	2004
Kazakhstan *	80	58	39
Kyrgyz Republic	147	111	76
Tajikistan	139	85	97 (81)**
Turkmenistan	38	23	32
Uzbekistan	155	119	131
Total	559	396	375 (359)

Note:

* – the data on Kazakhstan are given only for 3 regions: Kyzyl-Orda, South-Kazakhstan, Jambyl – the rivers of which are of Aral Sea basin.

** – for Tajikistan a number of working stations is given in brackets.



THE STATE OF SNOW MEASURING NETWORK

NHMS	Routes (basins) number		
	1980 th	1995	2004
Kazakhstan*	4	4	4
Kyrgyz Republic	12 (7), 15 (13)**	0	0
Tajikistan	28 (12)	2 (0)	7 (2)
Uzbekistan	18 (18)	2 (7)	2 (7)

Note:

a number of basins with airborne observations are given in brackets;

* – for Kazakhstan snow surveys only for Aral Sea basin;

** – taking into account Chu and Talas rivers basins, but without Issyk-Kul.



CONDITIONALLY ALL PRODUCTION CAN BE DIVIDED INTO 2 TYPES:

HYDRO-METEOROLOGICAL OBSERVATIONS DATA (OPERATIVE AND REGIME);

ANALYTIC AND FORECASTING PRODUCTION.



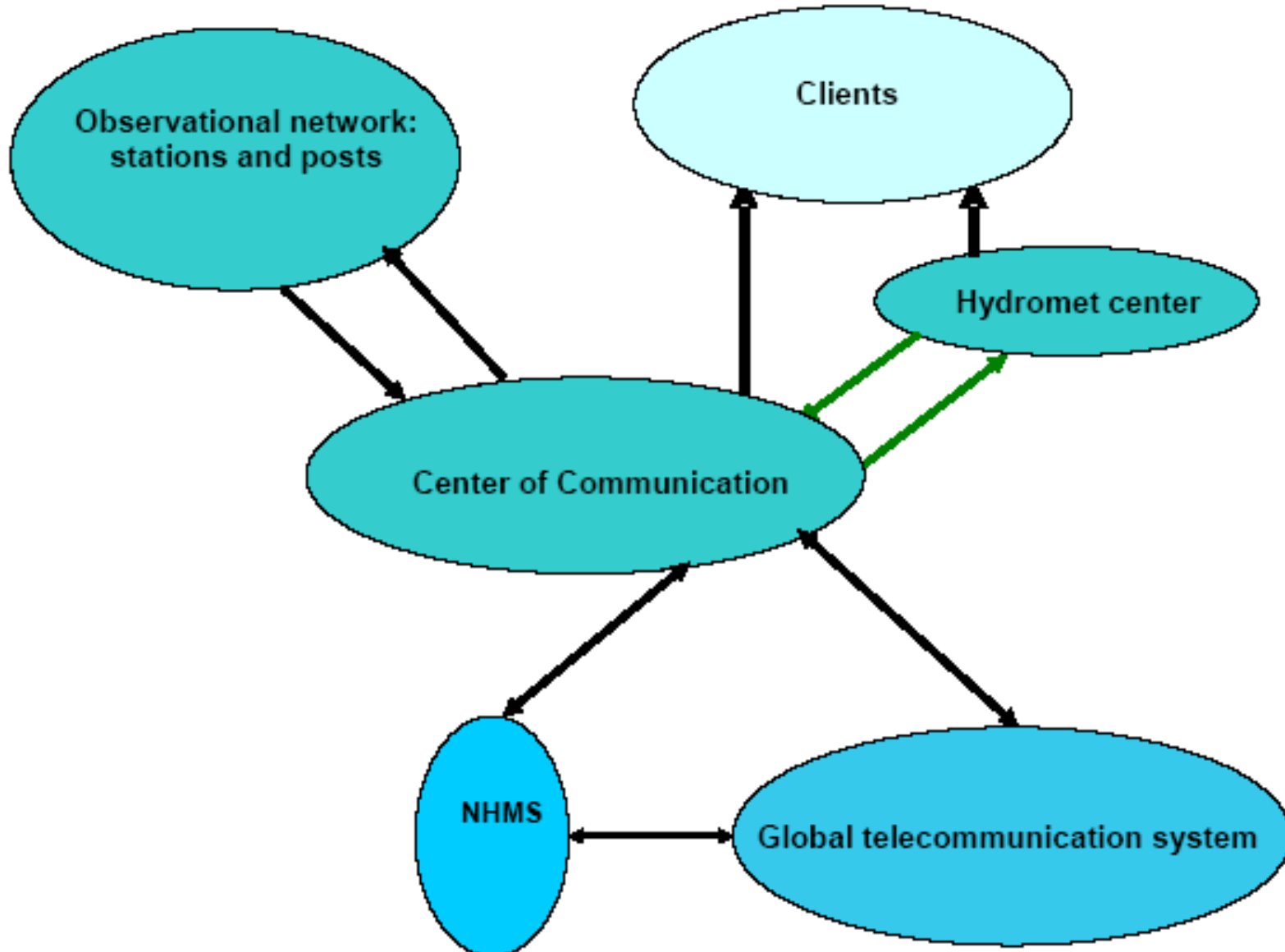
INFORMATION

TO PROVIDE USERS WITH OPERATIVE HYDRO-METEOROLOGICAL INFORMATION, AS WELL AS TO PRODUCE FORECAST AND ANALYTIC PRODUCTION, NHMSs USE HYDRO-METEOROLOGICAL INFORMATION OVER WHOLE CA REGION. INTERSTATE DATA EXCHANGE IS REALIZED BETWEEN NHMSS WITHIN BILATERAL, REGIONAL AND INTERNATIONAL AGREEMENTS.



DATA COLLECTION AND TRANSFER

Flow chart of data collection and dissemination



SNOW COVER EXTENT IN THE BASIN OF PYANDZH RIVER

Date	Snow cover area [%]	Snowline altitude [m]
12/05/1990	43	4050

