

GEOSS
Asian Water Cycle Initiative



THE UNIVERSITY OF TOKYO



Japan Science and Technology Agency

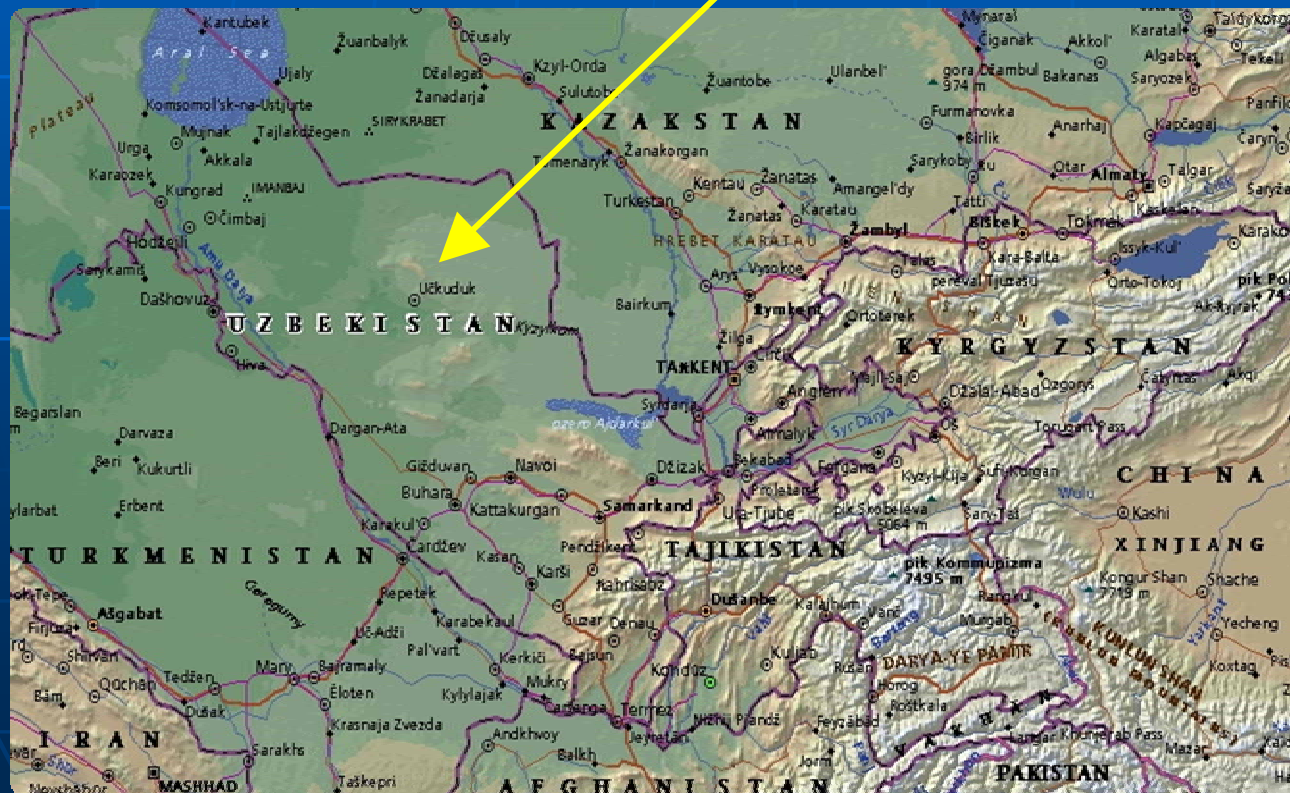


The 4th meeting of the GEOSS Asia Water Cycle Initiative (AWCI)
International Coordination Group (ICG)
4-7 February , 2009
Kyoto, Japan

RECENT SIGNS OF WATER-RELATED DISASTERS IN UZBEKISTAN

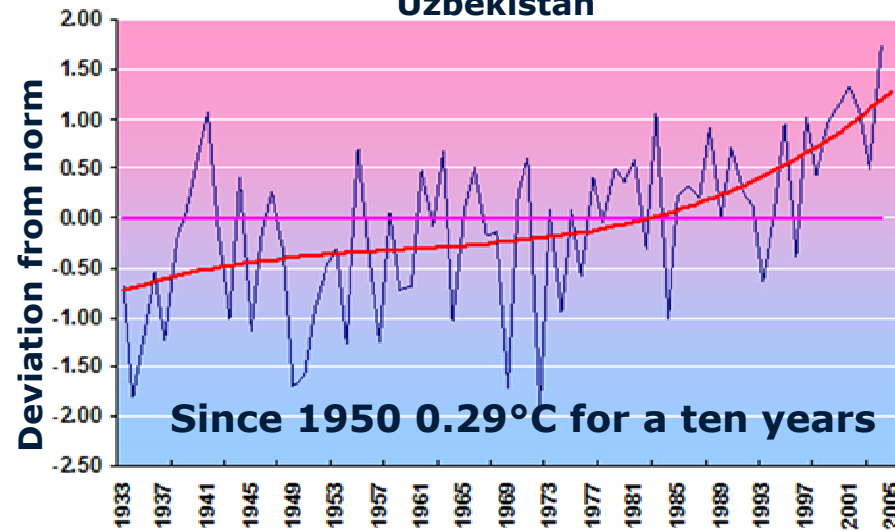
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Tashkent, 100052, Uzbekistan
E-mail: nigmi@albatros.uz

Republic of Uzbekistan

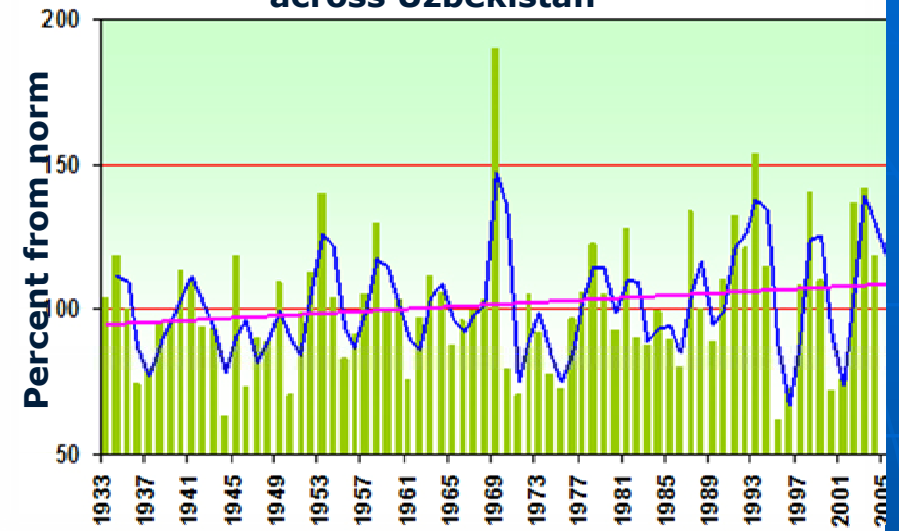


The Republic of Uzbekistan is situated in the central part of the Eurasian continent, between two big rivers of the Amu Darya and Syr Darya. In the northeast the Republic borders on Kazakhstan, in the east and south east – on Kirghizstan and Tajikistan, in the west – on Turkmenistan and in the south – on Afghanistan.

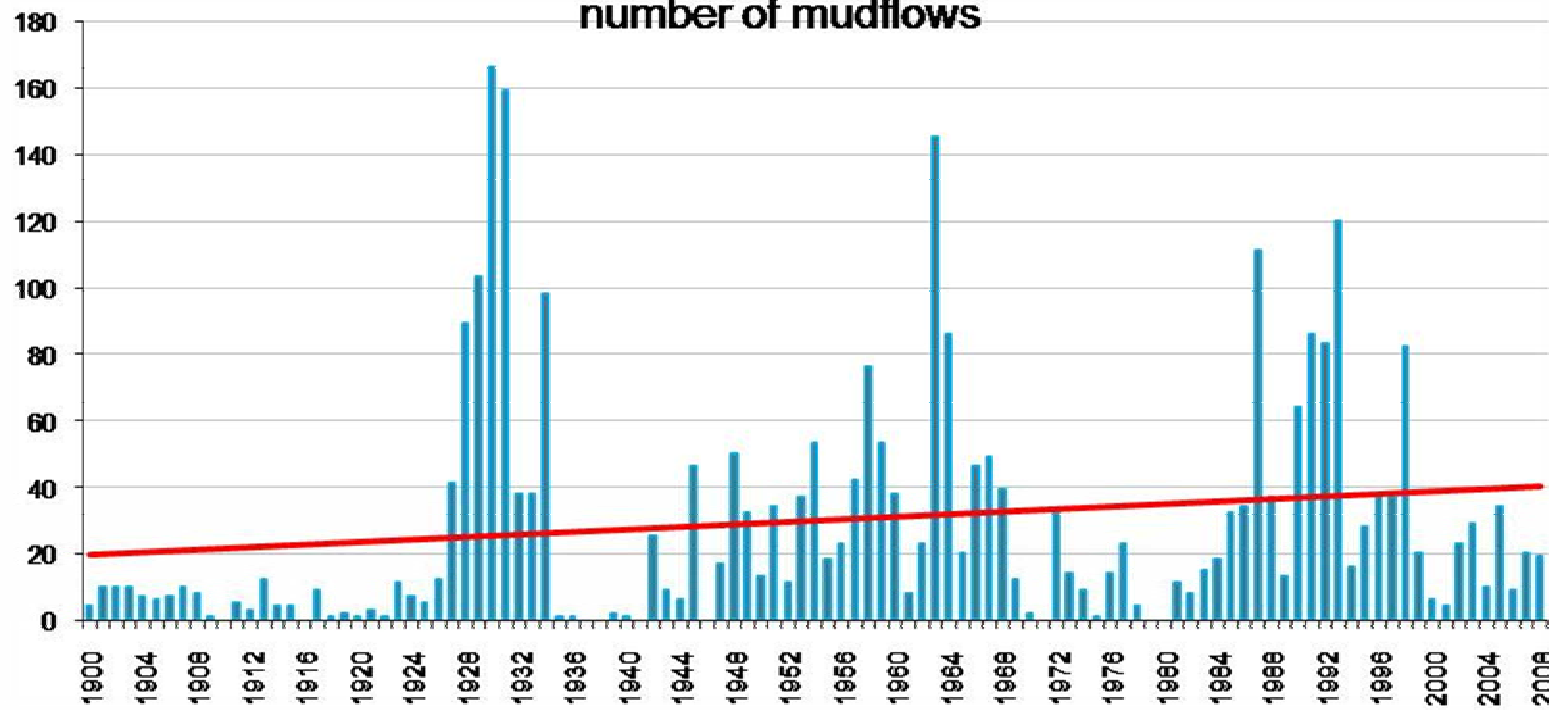
**Change of mid-annual temperature across
Uzbekistan**



**Change of the annual sums of precipitations
across Uzbekistan**



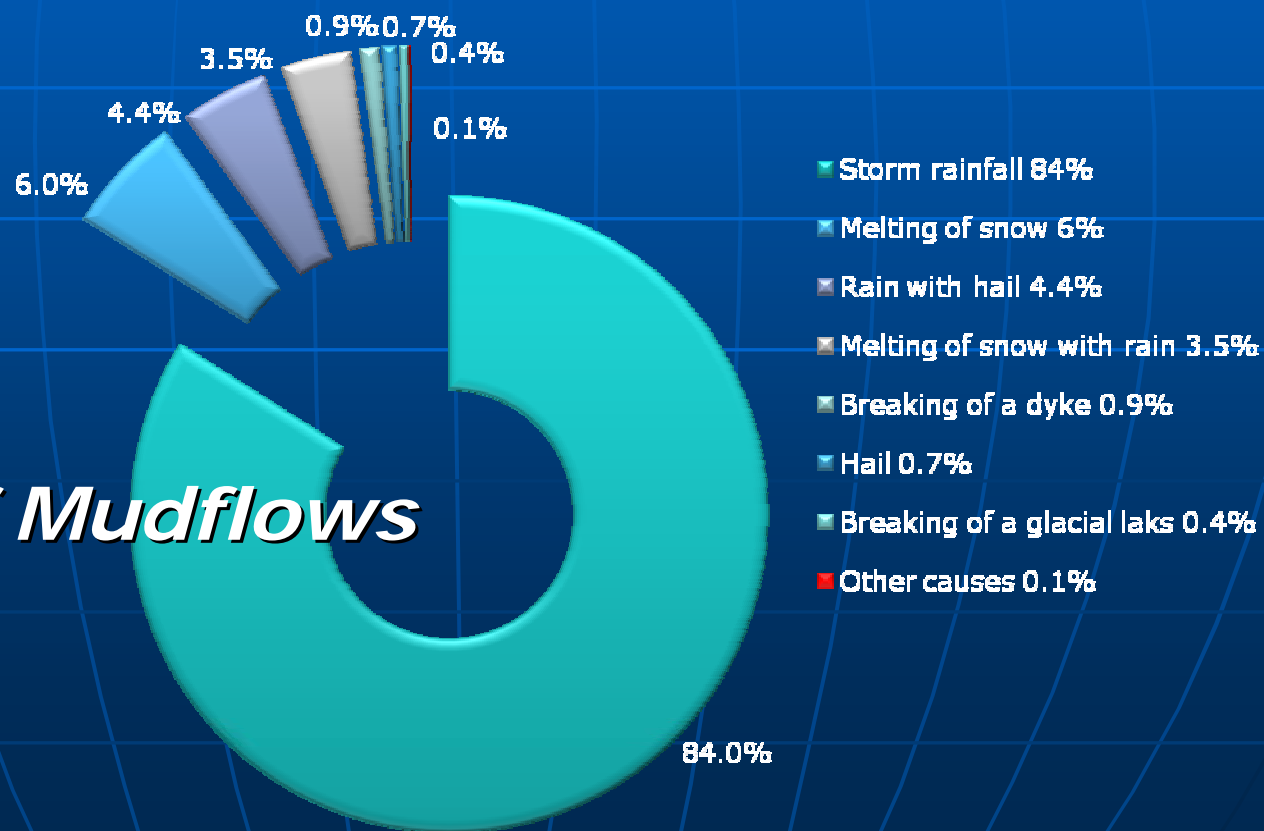
number of mudflows



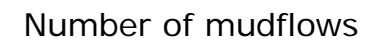


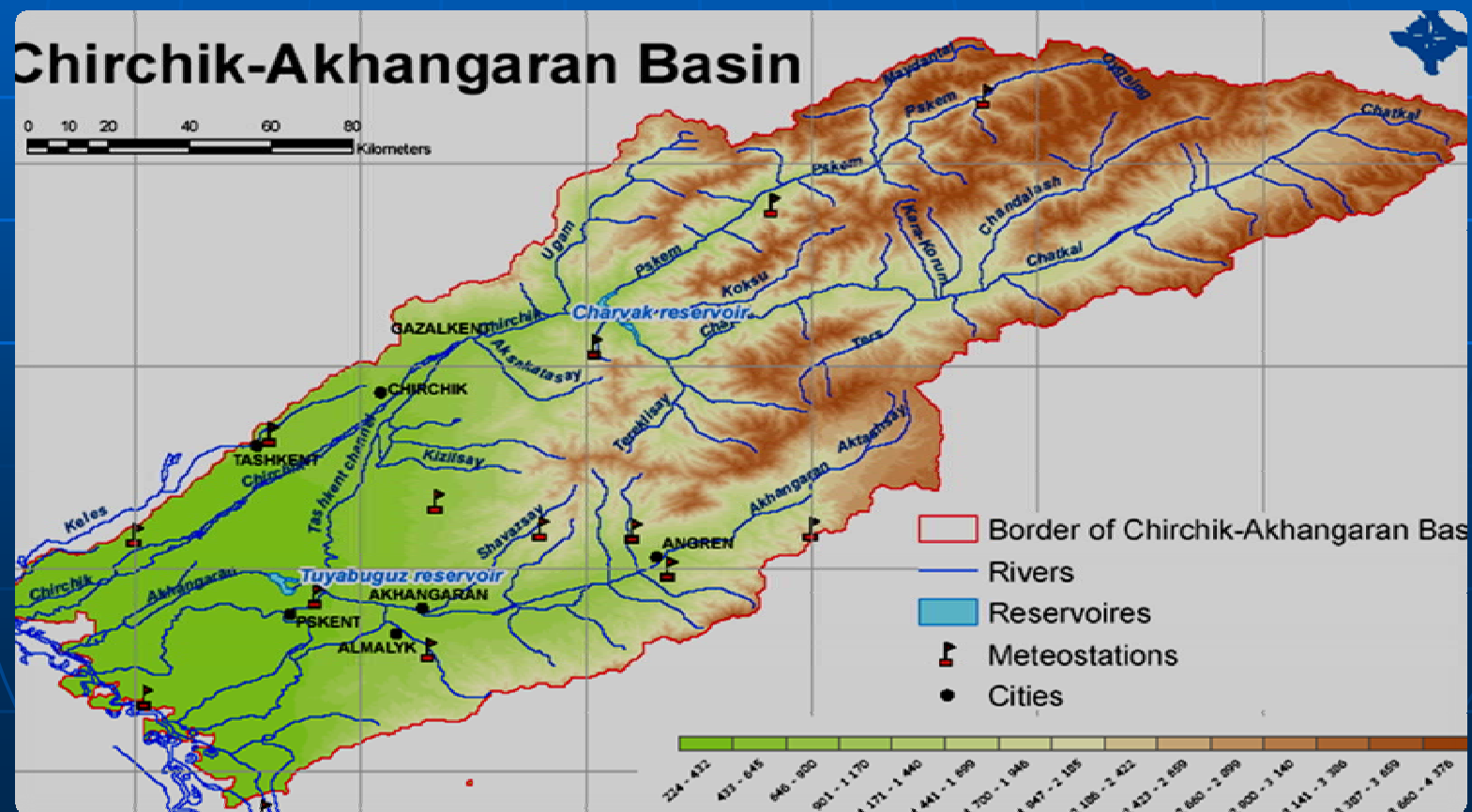
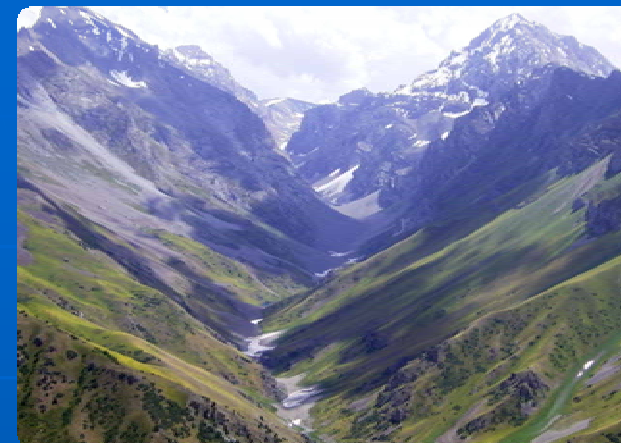
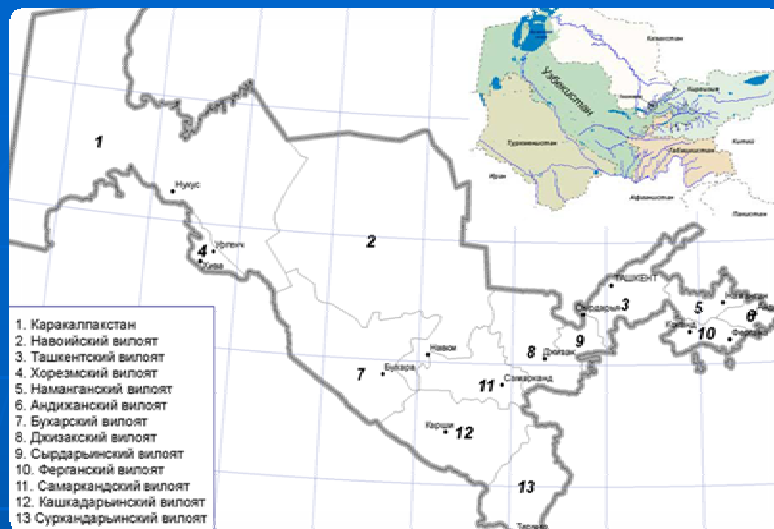
No.		Uzbekistan	Chirchik-Akhangaran basin
1	Total amount of mudflows	3312	305
2	Number of mudflows – caused by heavy shower	1484	176
3	Number of mudflows with damage	535	84
4	Number of mudflows with sacrifice	21	3
5	Number of particularly dangerous mudflows event	73	9

Causes of Mudflows

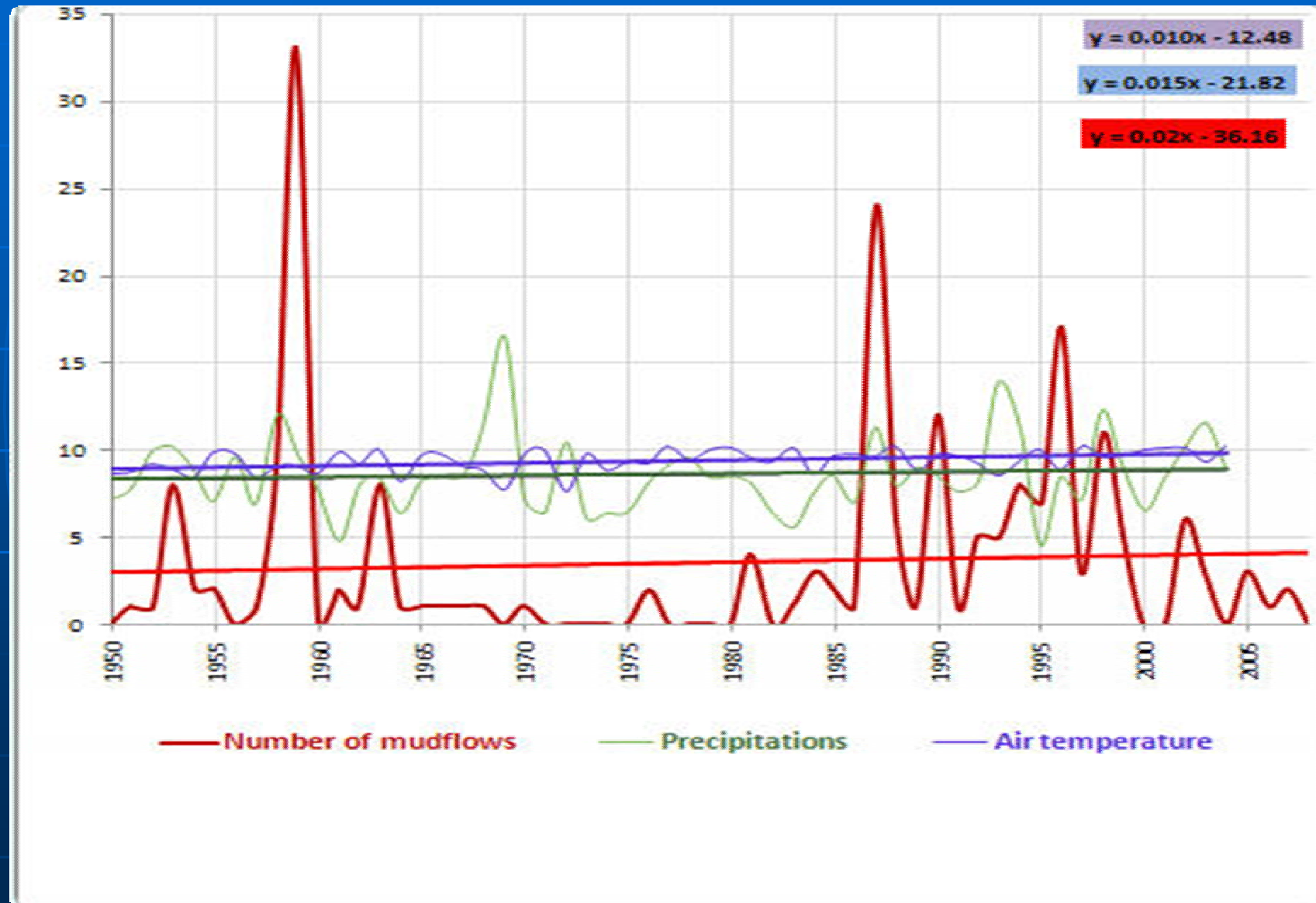


▶ Genetische Konsequenzen





Trends for Chirchik-Akhangaran basin

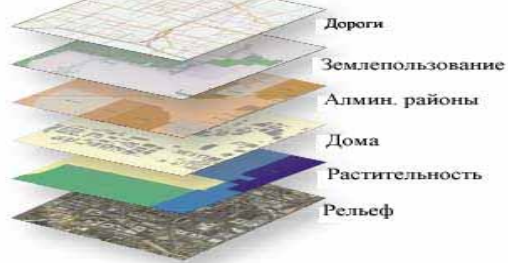


District-zone-meteostation-basin

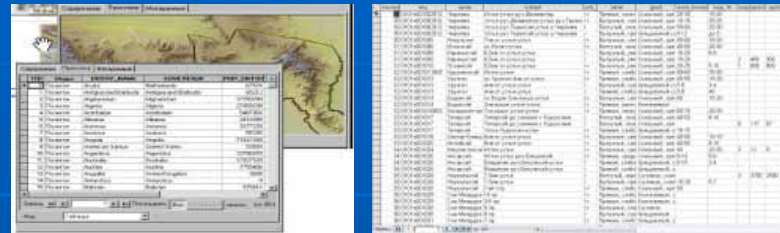
Structure of Database «WATER-RELATED DISASTERS IN UZBEKISTAN»



geospatial data

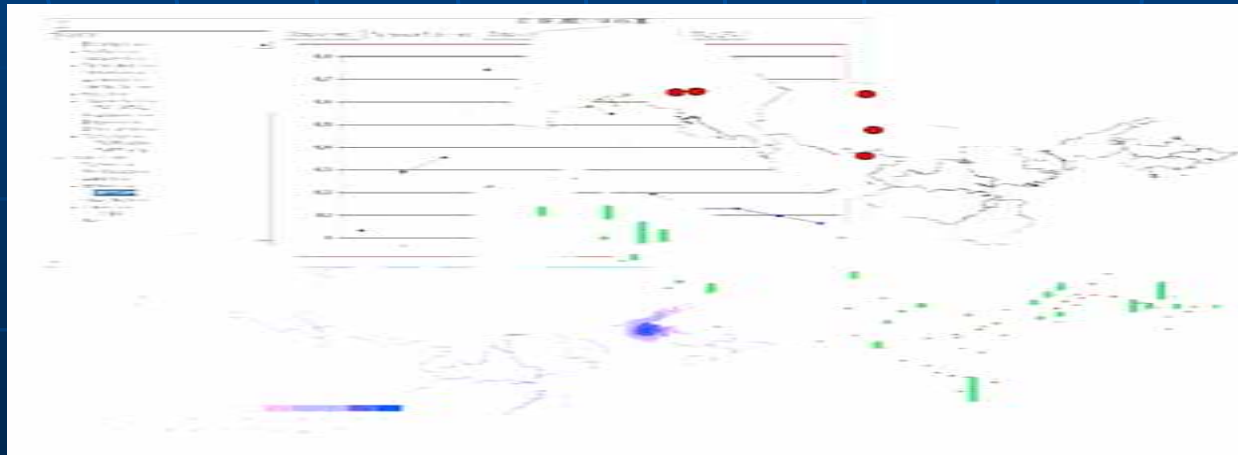


database



software

result



«WATER-RELATED DISASTERS IN UZBEKISTAN» Database Structure

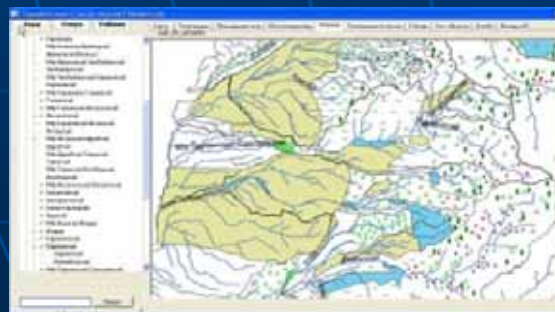


This screenshot shows a data entry form for a GIS application. The form contains various fields for entering data, including a dropdown menu for selecting a region, a text field for a name, and a date field. The form is titled 'Uzbekistan' and has a 'Save' button at the bottom.

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Thank you for your attention !



