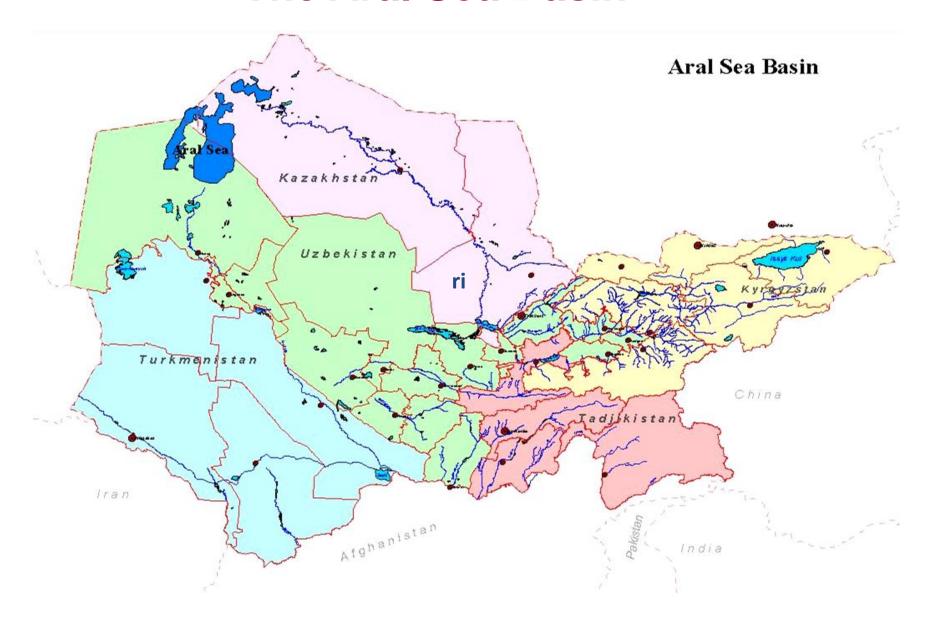
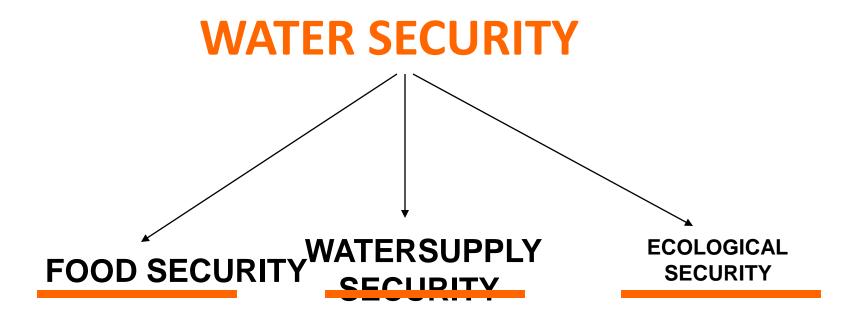


## **The Aral Sea Basin**





**GUARANTEE OF WATER** 

**GUARANTEE WATER RIGHTS** 

#### **DESTABILIZING FACTORS**

#### **OUTSIDE:**

CLIMATE CHANGES increase deviation of flow, growth temperature, change precipitation)

DEMOGRAPHIC PRESURE

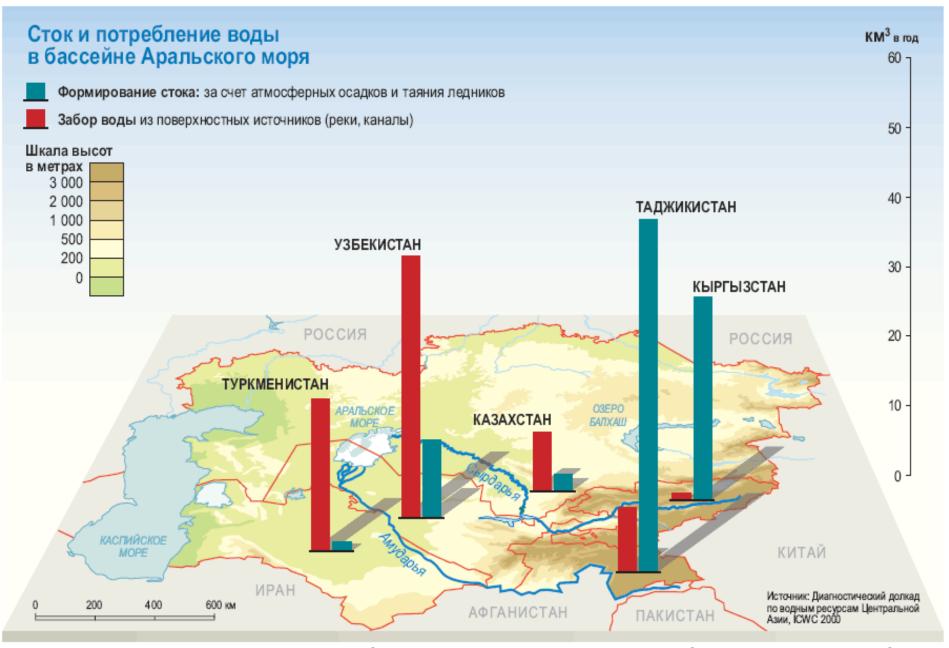
GLOBAL MARKET

GLOBAL FINANCIAL CRISES

COMPETITION OF MEGAFORCES.

#### **INSIDE**

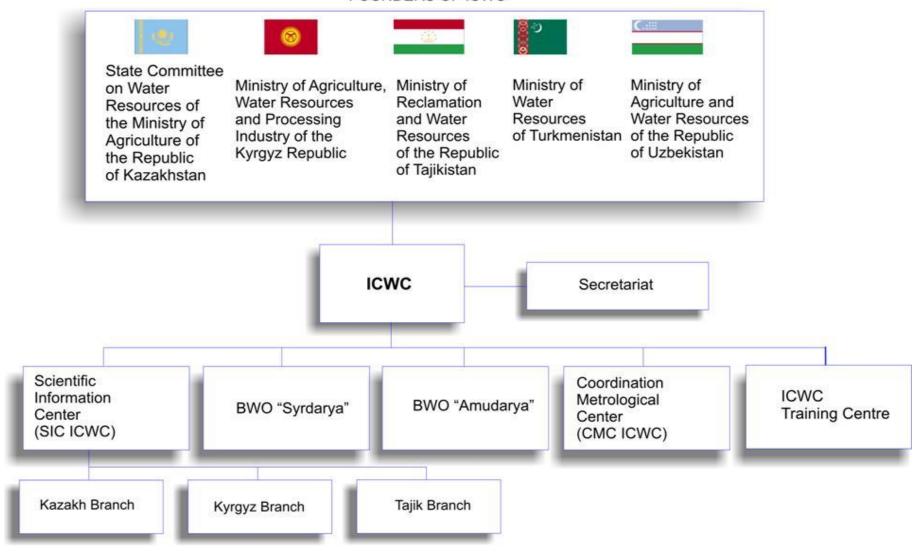
-LACK OF STATE ATTENTION
-HYDROEGOIZM
- FRAGMENT MANAGEMENT
- DESINFORMATION
-LACK OF PUBLIC INVOLVEMENT.



КАРТА НЕ ЯВЛЯЕТСЯ ВЫРАЖЕНИЕМ КАКОГО-ЛИБО МНЕНИЯ СО СТОРОНЫ ОРГАНИЗАЦИЙ, РАБОТАВШИХ НАД ПРОЕКТОМ, В ОТНОШЕНИИ ПРАВОВОГО СТАТУСА КАКОЙ-ЛИБО СТРАНЫ, ИЛИ КАКИХ ЛИБО ТЕРРИТОРИЙ, ГОРОДОВ И РАЙОНОВ, НАХОДЯЩИХСЯ В ЕЕ ПОДЧИНЕНИИ, ЛИБО В ОТНОШЕНИИ ДЕЛИМИТАЦИИ ЕЕ ГРАНИЦ.

#### STRUCTURE of Interstate Coordination Water Commission of Central Asian states

#### FOUNDERS OF ICWC



## Transboundary water challenges







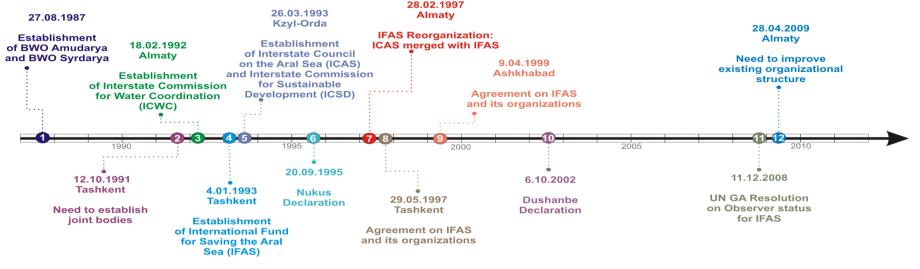








#### Aral Sea Basin: Timeline of Regional Bodies Establishment and Reorganization





- Order of the USSR Ministry of Reclamation and Water Management on the establishment of basin administrations on inter-republican water allocation in Amudarya and Syrdarya (Water Management Administration «Amudarya» and «Syrdarya») (Moscow, August 1987)
- 2. Statement of the heads of water authorities of the Central Asian Republics and Kazakhstan (Tashkent, October 1991)
- 3. Agreement between the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, and the Republic of Uzbekistan on Cooperation in the Field of Joint Management of the Use and Conservation of Water Resources of Interstate Sources (Almaty, 18 February 1992)
- Decision by the Heads of Central Asian Republics on the establishment of International Fund for Saving the Aral Sea (Tashkent, January 1993)

- 5. Agreement between the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, and the Republic of Uzbekistan on Joint Actions for Addressing the Problems of the Aral Sea and Its Coastal Area, Improving the Environment, and Ensuring the Social and Economic Development of the
- Nukus Declaration of the Central Asian States and International Organisations on the Problems of Sustainable Development in the Aral Sea Basin (Nukus, September 1995)

Aral Sea Region (Kzyl-Orda, March 1993)

- 7. Decision by the Heads of Central Asian Republics on the reorganization of International Fund for Saving the Aral Sea (Almaty, February 1997)
- 8. Agreement between the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, and the Republic of Uzbekistan on the Status of International Fund for Saving the Aral Sea and Its Organizations (Tashkent, May 1997)

- 9. Agreement between the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, and the Republic of Uzbekistan on the Status of International Fund for Saving the Aral Sea and Its Organizations (Ashgabad, April 1999)
- 10. Dushanbe Declaration (Dushanbe, October 2002)
- 11. UN General Assembly Resolution on Observer status for the International Fund for Saving the Aral Sea in the General Assembly (December 2008)
- 12. Joint Statement Made by the Heads of States Founders of the International Fund for Saving the Aral Sea (Almaty, April 2009)

SIC ICWC, 2013









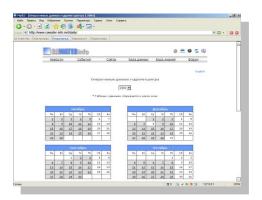
## INTERNATIONAL PROBLEMS

- interests of mega forces;
- transformation water in "apple of discord";
- use water as new tool of interstate pressure;
- Hydro egoism of upper watershed;
- ignoring need water for nature itself.

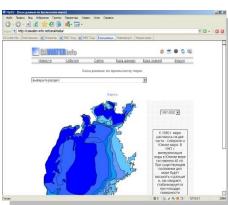
# We should focused on the key issues that disturbing future:

- Strengthening of international water law for guarantee food security;
- risk management (floods and drought);
- open exchange of information;
- preparation future generation to future challenge.



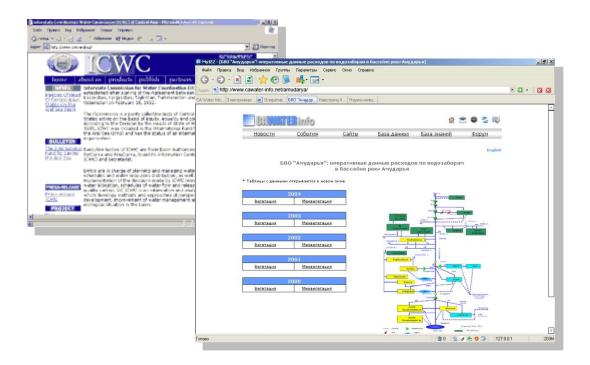






## **CAWater-Info**

www cawater-info.net



#### Growth physical food production

Capacity building and human resources development for broader implementation of scientific production in Central Asia

WAY from laboratory to field

**Use margin waters** 



## Four pillars of transfer

- Base of knowledge;
- Data base;
- Training of users;
- Adopted best practices.



**SCADA** 



## How to avoid TB conflicts?

- Rehabilitate open sources of information on the base of common information field.
- Renovate institutional structure of regional water and environment bodies.
- Establishment strong proceedings of TBWs management for each rivers.
- Create Public body (Water Council) for each TBW basin.

## How to avoid TB conflicts?

- Arise new input of political will.
- Attempt to find new forms of collaboration with including economic tools.
- Expert cooperation and joint professional development courses
- Road map for increase collaboration between States in frame of ICWC and IFAS (water saving, public awareness and participation, IWRM implementation).
- Bi-lateral works with donors should take into account interests of all riparian countries.

# Thank for your attention!!!

We are glad to collaborate with all you!!!

www.cawater-info.net

www.sicicwc -aral.uz

www.eecca-water.net.