The Hydropolitic of border river Atrak and its effect on Iran's and Turkmenistan's relation

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Received: 2/12/2010 Accepted: 14/6/2011

Extended Abstract

Introduction

Drinking water is the only matter of vital for human beings and the creatures on the earth that the human beings can't produce it. 97% of all waters on the earth are salty. Increasing of society in the last 50 years, developing in industries, the need to produce more food stuffs and developing in the level of personal and social health has made drinking water more important than ago.

The hydroplitic of border rivers in the south west of Asia zone and central Asia ostentate as one of important difficulties between the governments and the nations. An important part of surface waters are running in the border of Iran and its Nabors.

Research Methodology

In this research the main question is that: "what was the effect of border river Atrak after destroying of CCCP on the political security and the economy of border zone of Turkmenistan and Turkmen fields of Iran?"

According to basic study, this theory has been made that there is a close relation between the changing of global strategy after destroying of CCCP and framing new geopolitical zones like as central Asia and changing in methods of using from border rivers like Atrak river. The way of research in this article has made of descriptive research and logical research.

We used these ways for collecting information: 1- Searching in library and internet sources. 2- Attributive and archive ways. 3- Area search and description of watched.

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Border river Atrak is one of the most important sources for obtaining water in Golestan province. Both inner and outer river Atrak (Sumbar) after passing 80 kilometers between Iran and Turkmenistan's border, get in Turkmenistan's land in a place named Dashli broon. Iran draw on just 85000 cubic meter from it's 220000 cubic meter share of Atrak river water. Golestan province has 880000 hectare fields that can be used for agriculture that now about 300000 hectare of that is under plantation with water. And the other 500000 hectare don't have constant water. Second source of water in Turkmenistan provides from border river Atrak. Developing of agriculture in two-headed of Atrak has made the hydroplitic in relation of two countries more important.

Conclusion

Islamic republic of Iran in case of geographical zone is one of less water area of world. Increasing of society in last 50 years ago has made Iran's share of drinking water less.

Turkmenistan country that the border river Atrak is running in borders of this country and Iran, in case of drinking water is poor. Controlling of surface water in river (Atrak) for developing in economy is important.

There is no characterized legal regime for Atrak river after destroying of CCCP that has to be characterize the way of controlling it.

Iran's and Turkmenistan's governments have to clean the water and build walls and pushing bars in two-headed of Atrak river.

Keywords: Hydropolitic, Iran, Turkmenistan, border rivers, Atrak, geoeconomy.

Refrences

- 1.Ardakaniyan, R. & Rohollah, S., 1385, The trade of cyber water: global literature and its usage in Iran, Tehran, the issue of Iran's eater sources, no. 4.
- 2. Golestan p., 1388, **Network of Golestan province**, publicated in Golestan province.
- 3. Bai, Y., 1384, **The hydropolitic of bordering rivers**, publicator of studying and international research of abrar maser institute.
- 4. Hafezniya, M.R., 1381, Geopolitics of Iran, Tehran, Semat publicator.
- 5. Hafezniya, M.R., 1385, **Tent and contexts of geopolitic**, Mashhad, Paply yazdi publicator.
- 6. Khsroshahi, M.,1385, **Natural sources**, The guidelines of water sources, personal site of Tehran.
- 7. **Statistics calendar of Golestan's province**, 1388, infrastructural orders part.
- 8. Saroly, N., 1381, Turkmenistan book, Tehran, secretary of state publicator.
- 9. Askary khanghah, A. & kammali, M. sh., 1374, Iranian Turkmen research on etnology and demography, Tehran, Asatir publicator.

- 10. Sadeghi, R., 1381, **geopolitical analysis of Golestan province**, Islamic azad university center branch of Tehran, B.A. dissertation.
- 11. Ezati, E., 1387, booklet of geostrategy lesson, PHD term.
- 12. Allayi, M., 86/12/11, bordering river of Iran and Turkmenistan.
- 13. Forughi, P., 1382, the usage of over borders water, international security and management of crisis in center Asia, translated with Ghasem maleki, Tehran, quarterly journal of studying on center Asia and ghafghaz.
- 14. Kanani, N., 1382, landscape on different cases of water crisis in center Asia, quarterly journal of studying on center Asia and ghafghaz, no 43.
- 15. Iran petro site, 1389/4/13, The state of staying Iran's border rivers.
- 16. Aftab site, 1387/3/11, War on water in the third millennium.
- 17. Iran rivers site, 2010/11/10: Iran's bordering rivers, Atrak river.
- 18. Tebyan site of Golestan province, 1389, A discussion about kinfolk and inequality in Golestan province.
- 19. Wikipedia site, 2010, specification of Turkmenistan country.