



# Amur\*

Total area: 2,085,900 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Russia	1,006,100	48.23
China	889,100	42.62
Mongolia	190,600	9.14
Korea, Democratic People's Republic of (North)	100	0.01

Date	Treaty Basin	Signatories	Treaty Name
February 11, 1995	Amur, Har Us Nur, Jenissei, Lake Baikal, Lake Ubsa-Nur, Onon, Pu Lun To, Selenga	Mongolia; Russian Federation	Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters
April 29, 1994	Bor Nor Lake, Bulgan, Halaha, Kerulen/Herlen He	China, People's Republic of; Mongolia	Agreement between the government of the People's Republic of China and the government of Mongolia on the protection and utilization of transboundary waters
August 18, 1956	Amur, Arugun	China, People's Republic of; Union of Soviet Socialist Republics	Agreement between the Union of Soviet Socialist Republics and the People's Republic of China on joint research operations to determine the natural resources of the Amur River Basin and the prospects for development of its productive potentialities and on planning and survey operations to prepare a scheme for the multi-purpose exploitation of the Arugun River and the Upper Amur River



Amur River. Photo credit: Mikhail A. Yatskov.

# An Nahr Al Kabir

Total area: 1,300 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Syria	900	67.60
Lebanon	400	31.70



Date	Treaty Basin	Signatories	Treaty Name
April 20, 2002	Al-Kaber Al-Janoubi	Lebanese Republic; Syrian Arab Republic	An agreement between the Syrian Arab Republic and the Lebanese Republic for the sharing of the Great Southern River Basin water and building joint dam on the maincourse of the river



Lake Baikal. Photo credit: Robert Buckman



# Aral Sea\*

Total area: 1,231,400 km<sup>2</sup> (internal drainage)

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Kazakhstan	424,400	34.46
Uzbekistan	382,600	31.07
Tajikistan	135,700	11.02
Kyrgyzstan	111,700	9.07
Afghanistan	104,900	8.52
Turkmenistan	70,000	5.68
China	1,900	0.15
Pakistan	200	0.01

Date	Treaty Basin	Signatories	Treaty Name
May 7, 1999	Syr Darya	Kazakhstan, Republic of; Kyrgyz Republic; Tajikistan, Republic of; Uzbekistan, Republic of	Protocol on inserting amendments and addenda in the agreement between the governments of the Republic of Kazakhstan, the Kyrgyz Republic, and the Republic of Uzbekistan on the use of water and energy resources of the Syr Darya Basin
March 17, 1998	Syr Darya	Kazakhstan, Republic of; Kyrgyz Republic; Uzbekistan, Republic of	Agreement between the government of the Republic of Kazakhstan, the government of the Kyrgyz Republic and the government of the Republic of Uzbekistan on the use of water and energy resources of the Syr Darya Basin
March 17, 1998	Syr Darya	Kazakhstan, Republic of; Kyrgyz Republic; Uzbekistan, Republic of	Agreement between the governments of the Republic of Kazakhstan, the Kyrgyz Republic, and the Republic of Uzbekistan on joint and complex use water and energy resources of the Naryn Syr Darya cascade reservoirs
March 17, 1998	Not specified	Kazakhstan, Republic of; Kyrgyz Republic; Uzbekistan, Republic of	Agreement between the government of the Republic of Kazakhstan, the government of the Kyrgyz Republic, and the government of the Republic of Uzbekistan on cooperation in the area of environment and rational nature use
March 3, 1995	Amu Darya, Aral Sea, Syr Darya	Kazakhstan; Kyrgyz Republic; Tajikistan; Turkmenistan; Uzbekistan	Resolution of the heads of states of Central Asia on work of the EC of ICAS on implementation of action plan on improvement of ecological situation in the Aral Sea Basin for the 3-5 years to come with consideration for social and economic development of the region
March 26, 1993	Amu Darya, Aral Sea, Syr Darya	Kazakhstan; Kyrgyzstan; Tajikistan; Turkmenistan; Uzbekistan	Agreement on joint activities in addressing the Aral Sea and the zone around the Sea crisis, improving the environment, and ensuring the social and economic development of the Aral Sea region

# Asi/Orontes

Total area: 37,900 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Turkey	18,900	49.94
Syria	16,800	44.32
Lebanon	2,200	5.74



Date	Treaty Basin	Signatories	Treaty Name
August 23, 2001	Frontier or shared waters	Syria, Arab Republic of; Turkey, Republic of	Joint communique between Republic of Turkey Prime Ministry Southeastern Anatolia Project Regional Development Administration (GAP) and Arab Republic of Syria Ministry of Irrigation General Organization for Land Development (GOLD)
September 20, 1994	Al-Asi/Orontes	Lebanese Republic; Syrian Arab Republic of	Bilateral agreement, Act No. 15 concerning the division of the water of Al-Asi River (Orontes) between the Syrian Arab Republic and the Lebanese Republic



Tigris tributary (left); Mahabad River. Photo credits: Babak Sedighi.



# Atrak\*

Total area: 34,200 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Iran	23,600	68.86
Turkmenistan	10,700	31.14

Date	Treaty Basin	Signatories	Treaty Name
August 11, 1957	Aras, Atrak	Iran, Imperial Government of; Union of Soviet Socialist Republics	Agreement between Iran and the Soviet Union for the joint utilisation of the frontier parts of the rivers Aras and Atrak for irrigation and power generation
May 14, 1957	Atrak, Araks, Harirud, Tedzen	Iran, Imperial Government of; Union of Soviet Socialist Republics	Treaty between the government of the Union of Soviet Socialist Republics and the Imperial Government of Iran concerning the regime of the Soviet-Iranian frontier and the procedure for the settlement of frontier disputes and incidents



Lake Niloofar. Photo credit: Babak Sedighi.

# Fenney

Total area: 2,800 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
India	1,800	65.83
Bangladesh	1,000	34.17



Date	Treaty Basin	Signatories	Treaty Name
January 18, 1986	Frontier or shared waters	Bangladesh; India	Summary record of discussions of the first meeting of the Joint Committee of Experts held in Dhaka between 16-18 January, 1986



Simareh River (left). Photo credit: Babak Sedighi. Amur River. Photo credit: Mikhail A. Yatskov.





# Fly

Total area: 64,600 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Papua New Guinea	60,400	93.40
Indonesia	4,300	6.60

## Dates

November 13, 1973

## Treaty Basin

Sepik, Fly

## Signatories

Australia; Australia acting on the behalf of Papua New Guinea; Indonesia

## Treaty Name

Agreement between the government of Australia (acting on its own behalf and on behalf of the government of Papua New Guinea) and the government of Indonesia concerning administrative arrangements as to the border between Papua New Guinea and Indonesia



Tonle Sap. Photo credit: M. Giordano.



# Ganges-Brahmaputra-Meghna\*

Total area: 1,634,900 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
India	948,400	58.01
China	321,300	19.65
Nepal	147,400	9.01
Bangladesh	107,100	6.55
India, claimed by China	67,100	4.11
Bhutan	39,900	2.44
India control, claimed by China	1,200	0.07
Myanmar (Burma)	80	0.00



Date	Treaty Basin	Signatories	Treaty Name
December 12, 1996	Ganges	Bangladesh, People's Republic of; India, Republic of	Treaty between the government of the Republic of India and the government of the People's Republic of Bangladesh on sharing of the Ganga/Ganges waters at Farakka
February 12, 1996	Mahakali	India; Nepal	Treaty between His Majesty's government of Nepal and the government of India concerning the integrated development of the Mahakali River including Sarada Barrage, Tanakpur Barrage, and Pancheshwar Project
July 20, 1983	Ganges	Bangladesh; India	Meeting of the Joint Rivers Commission
July 20, 1983	Teesta/Tista	Bangladesh; India	Agreement on ad hoc sharing of the Teesta waters between India and Bangladesh reached during the 25th meeting of the Indo-Bangladesh Joint Rivers Commission held in July 1983, in Dhaka
October 7, 1982	Ganga/Ganges	Bangladesh; India	Indo-Bangladesh memorandum of understanding on the sharing of Ganga waters at Farakka
April 7, 1978	Kosi	India; Nepal	Agreement between Nepal and India on the renovation and extension of Chandra Canal, Pumped Canal, and distribution of the Western Kosi Canal
November 5, 1977	Ganges	Bangladesh, People's Republic of; India, Republic of	Agreement between the government of the People's Republic of Bangladesh and the government of the Republic of India on sharing of the Ganges waters at Farakka and on augmenting its flows
November 24, 1972	Ganges-Brahmaputra	Bangladesh; India	Statute of the Indo-Bangladesh Joint Rivers Commission
December 19, 1966	Kosi	India; Nepal	Amended agreement between His Majesty's government of Nepal and the government of India concerning the Kosi Project



# Har Us Nur

Total area: 185,300 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Mongolia	179,300	96.81
Russia	5,600	3.04
China	300	0.15

Date	Treaty Basin	Signatories	Treaty Name
February 11, 1995	Amur, Har Us Nur, Jenissei, Lake Baikal, Lake Ubsa-Nur, Onon, Pu Lun To, Selenga	Mongolia; Russian Federation	Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters
April 29, 1994	Bulgan, Bor Nor Lake, Halaha, Kerulen/ Herlen He	China, People's Republic of; Mongolia	Agreement between the government of the People's Republic of China and the government of Mongolia on the protection and utilization of transboundary waters



Amur tributary. Photo credit: Mikhail A. Yatskov

# Helmand

Total area: 353,500 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Afghanistan	288,200	81.53
Iran	54,900	15.52
Pakistan	10,400	2.95



Date	Treaty Basin	Signatories	Treaty Name
September 7, 1950	Helmand	Afghanistan; Iran	Terms of reference of the Helmand River Delta Commission and an interpretive statement relative thereto, agreed by conferees of Afghanistan and Iran



Water lilies, Tigris River tributary.  
Photo credit: Babak Sedighi.



# Ili/Kunes He

Total area: 161,200 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Kazakhstan	97,100	60.24
China	55,300	34.32
Kyrgyzstan	8,800	5.44

Date	Treaty Basin	Signatories	Treaty Name
June 12, 1915	Horgos, Ili	China; Russia, Imperial Government of	Protocol between China and Russia for the delimitation of the frontier along the River Horgos



Tibetan highlands tributary. Photo credit: Robert Buckman.

# Indus\*

Total area: 1,138,800 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Pakistan	597,700	52.48
India	381,600	33.51
China	76,200	6.69
Afghanistan	72,100	6.33
Chinese control, claimed by India	9,600	0.84
Indian control, claimed by China	1,600	0.14
Nepal	10	0.00



Date	Treaty Basin	Signatories	Treaty Name
September 19, 1960	Indus	India; International Bank for Reconstruction and Development; Pakistan	Indus waters treaty 1960 between the government of India, the government of Pakistan and the International Bank for Reconstruction and Development
January 11, 1960	Indus	India; Pakistan	Agreement between Pakistan and India on West Pakistan-India border disputes
October 23, 1959	Indus	East Pakistan; India	Indo-Pakistan agreement (with appendices) on East Pakistan border disputes
May 4, 1948	Indus	India; Pakistan	Inter-dominion agreement between the government of India and the government of Pakistan on the canal water dispute between East and West Punjab
November 22, 1921	Kabul	Afghanistan; Great Britain	Treaty between the government of Afghanistan and His Britannic Majesty's Government for the establishment of neighbourly relations
February 23, 1904	Sirhind Canal	Great Britain; Jind, State of; Nabha, State of; Patiala, State of	Final working agreement relative to the Sirhind Canal between Great Britain and Patiala, Jind and Nabha
September 16, 1892	Indus	Great Britain; Jind, State of	Amended terms of agreement between the British Government and the State of Jind, for regulating the supply of water for irrigation from the Western Jumana Canal
July 20, 1874	Hathmatee	Edur; Great Britain	Articles of agreement between the Edur Durbar and the British government
February 18, 1873	Indus	Great Britain; Jind, State of; Nabha, State of; Patiala, State of	Terms of agreement between Great Britain and the States of Patiala, Jhind, and Nabha regarding the Sirhind Canal



# Jenisej/Yenisey

Total area: 2,557,800 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Russia	2,229,800	87.17
Mongolia	327,900	12.82

Date	Treaty Basin	Signatories	Treaty Name
February 11, 1995	Amur, Har Us Nur, Jenisei, Lake Baikal, Lake Ubsa-Nur, Onon, Pu Lun T'o, Selenga	Mongolia; Russian Federation	Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters



Jordan River. Photo credit: Aaron T. Wolf.

# Jordan\*

Total area: 42,800 km<sup>2</sup>  
(Dead Sea internal drainage)

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Jordan	20,600	48.13
Israel	9,100	21.26
Syria	4,900	11.45
West Bank	3,200	7.48
Egypt	2,700	6.31
Golan Heights	1,500	3.50
Lebanon	600	1.33



Date	Treaty Basin	Signatories	Treaty Name
September 28, 1995	Jordan	Israel; Palestine Liberation Organization	Israeli-Palestinian interim agreement on the West Bank and the Gaza Strip, with Annexes I to VII.
October 26, 1994	Araba/Arava groundwater, Jordan, Yarmuk	Israel; Jordan	Treaty of peace between the State of Israel and the Hashemite Kingdom of Jordan, done at Arava/Araba crossing point
December 31, 1955	Jordan	Israel; Jordan; Lebanon; Syria	Johnston Negotiations
June 4, 1953	Yarmuk	Jordan, Hashemite Kingdom of; Syria, Republic of	Agreement between the Republic of Syria and the Hashemite Kingdom of Jordan concerning the utilization of the Yarmuk waters.
February 2, 1926	Jordan	Great Britain, on behalf of Territories of Palestine; France, on behalf of Great Lebanon and Syria	Agreement of good neighbourly relations concluded between the British and French governments on behalf of the territories of Palestine, on the one part, and on behalf of Syria and Great Lebanon, on the other part
March 7, 1923	Jordan, Yarmouk	France; Great Britain	Exchange of notes constituting an agreement between the British and French governments respecting the boundary line between Syria and Palestine from the Mediterranean to El Hamme
December 23, 1920	Jordan, Tigris-Euphrates, Yarmuk	France; Great Britain	Franco-British convention on certain points connected with the mandates for Syria and the Lebanon, Palestine and Mesopotamia



# Karnaphuli

Total area: 12,500 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Bangladesh	7,400	58.78
India	5,100	41.14
Myanmar (Burma)	10	0.09

Date	Treaty Basin	Signatories	Treaty Name
January 18, 1986	Frontier or shared waters	Bangladesh; India	Summary record of discussions of the first meeting of the Joint Committee of Experts held in Dhaka between 16-18 January, 1988



Er Lake, fish traps. Photo credit: M. Giordano.



# Kura-Araks\*

Total area: 193,200 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Azerbaijan	56,600	29.28
Iran	39,700	20.55
Armenia	34,800	18.03
Georgia	34,300	17.77
Turkey	27,700	14.32
Russia	60	0.03



Date	Treaty Basin	Signatories	Treaty Name
August 11, 1957	Aras, Atrak	Iran, Imperial Government of; Union of Soviet Socialist Republics	Agreement between Iran and the Soviet Union for the joint utilisation of the frontier parts of the rivers Aras and Atrak for irrigation and power generation
May 14, 1957	Araks, Atrak, Harirud, Tedzen	Iran, Imperial Government of; Union of Soviet Socialist Republics	Treaty between the government of the Union of Soviet Socialist Republics and the Imperial Government of Iran concerning the regime of the Soviet-Iranian frontier and the procedure for the settlement of frontier disputes and incidents



Sirwan River (left); Lake Niloofer. Photo credits: Babak Sedighi.



# Lake Ubsa-Nur

Total area: 62,800 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Mongolia	47,600	75.78
Russia	15,200	24.22

Date	Treaty Basin	Signatories	Treaty Name
February 11, 1995	Amur, Har Us Nur, Jenissei, Lake Baikal, Lake Ubsa-Nur, Onon, Pu Lun To, Selenga	Mongolia; Russian Federation	Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters



Lake Baikal. Photo credits: Mikhail A. Yatskov.

# Mekong\*

Total area: 787,800 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Laos, People's Democratic Republic of	198,000	25.14
Thailand	193,900	24.62
China	171,700	21.79
Cambodia (Kampuchea)	158,400	20.10
Vietnam	38,200	4.84
Myanmar (Burma)	27,600	3.51



Date	Treaty Basin	Signatories	Treaty Name
April 5, 1995	Mekong	Cambodia; Laos, People's Democratic Republic; Thailand; Vietnam, Socialist Republic of	Agreement on the cooperation for the sustainable development of the Mekong River Basin
January 5, 1978	Mekong	Laos, People's Democratic Republic; Thailand; Vietnam, Socialist Republic of	Declaration concerning the Interim Committee for Coordination of Investigation of the Lower Mekong Basin
January 31, 1975	Mekong	Khmer, Republic of; Laos; Thailand; Vietnam	Joint declaration of principles for utilization of the waters of the lower Mekong Basin, signed by the representatives of the governments of Cambodia, Laos, Thailand, and Vietnam to the Committee for Coordination of Investigations of the Lower Mekong Basin
August 12, 1965	Mekong, Nam Ngum, Nam Pong	Laos; Thailand	Convention between Laos and Thailand for the supply of power
October 31, 1957	Mekong	Cambodia; Laos; Thailand; Vietnam, Republic of	Statute of the Committee for Coordination of Investigations of the Lower Mekong Basin established by the governments of Cambodia, Laos, Thailand, and the Republic of Viet-Nam in response to the decisions taken by the United Nations Economic Commission for Asia and the Far East



Tonle Sap. Photo credit: M. Giordano.



# Nahr El Kebir

Total area: 1,500 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Syria	1,300	85.61
Turkey	200	13.87

Date	Treaty Basin	Signatories	Treaty Name
August 23, 2001	Frontier or shared waters	Syria, Arab Republic of; Turkey, Republic of	Joint communique between Republic of Turkey Prime Ministry Southeastern Anatolia Project Regional Development Administration (GAP) and Arab Republic of Syria Ministry of Irrigation General Organization for Land Development (GOLD)



Mekong River. Photo credit: M. Giordano.

# Ob\*

Total area: 2,950,800 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
Russia	2,192,700	74.31
Kazakhstan	743,800	25.21
China	13,900	0.47
Mongolia	200	0.01



Date	Treaty Basin	Signatories	Treaty Name
August 27, 1992	Irtys, Ishim, Tobol, Ural	Kazakhstan, Republic of; Russian Federation	Agreement between the government of the Republic of Kazakhstan and the government of the Russian Federation concerning the joint use and protection of transboundary waters



Tonle Sap. Photo credit: M. Giordano.



# Oral/Ural\*

Total area: 311,000 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Kazakhstan	175,500	56.43
Russia	135,500	43.57

Date	Treaty Basin	Signatories	Treaty Name
August 27, 1992	Irtys, Ishim, Tobol, Ural	Kazakhstan, Republic of; Russian Federation	Agreement between the government of the Republic of Kazakhstan and the government of the Russian Federation concerning the joint use and protection of transboundary waters



Amur River. Photo credit: Mikhail A. Yatskov.

# Pu Lun T'o

Total area: 89,000 km<sup>2</sup>

Countries	Area of Basin in Country km <sup>2</sup>	%
China	77,800	87.39
Mongolia	11,100	12.48
Russia	80	0.09
Kazakhstan	30	0.04



Date	Treaty Basin	Signatories	Treaty Name
February 11, 1995	Amur, Har Us Nur, Jenissei, Lake Baikal, Lake Ubsa-Nur, Onon, Pu Lun T'o, Selenga	Mongolia; Russian Federation	Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters
April 29, 1994	Bor Nor Lake, Bulgan, Halaha, Kerulen/Herlen He	China, People's Republic of; Mongolia	Agreement between the government of the People's Republic of China and the government of Mongolia on the protection and utilization of transboundary waters
August 27, 1992	Irtys, Ishim, Tobol, Ural	Kazakhstan, Republic of; Russian Federation	Agreement between the government of the Republic of Kazakhstan and the government of the Russian Federation concerning the joint use and protection of transboundary waters



Tributary of Amur (left); Khor River. Photo credits: Mikhail A. Yatskov.



# Sepik

Total area: 73,400 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Papua New Guinea	71,000	96.81
Indonesia	2,300	3.19

Date	Treaty Basin	Signatories	Treaty Name
November 13, 1973	Fly, Sepik	Australia; Australia acting on the behalf of Papua New Guinea; Indonesia	Agreement between the government of Australia (acting on its own behalf and on behalf of the government of Papua New Guinea) and the government of Indonesia concerning administrative border arrangements as to the border between Papua New Guinea and Indonesia





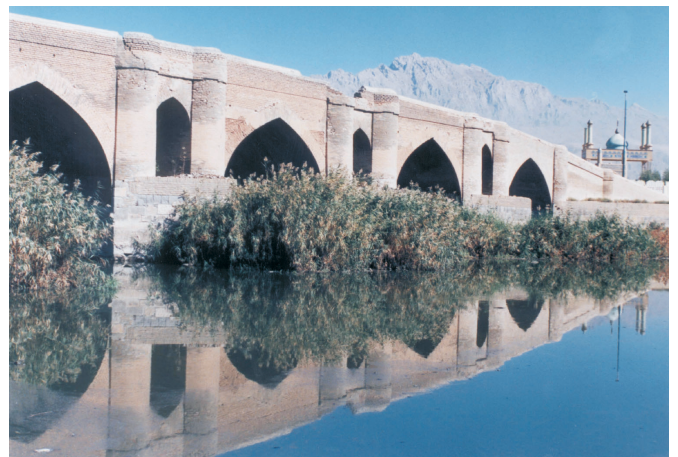
# Tigris-Euphrates-Shatt al Arab\*

Total area: 789,000 km<sup>2</sup>

Countries	Area of Basin in Country	
	km <sup>2</sup>	%
Iraq	319,400	40.48
Turkey	195,700	24.80
Iran	155,400	19.70
Syria	116,300	14.73
Jordan	2,000	0.25
Saudi Arabia	80	0.01



Date	Treaty Basin	Signatories	Treaty Name
August 23, 2001	Frontier or shared waters	Syria, Arab Republic of; Turkey, Republic of	Joint communique between Republic of Turkey prime ministry Southeastern Anatolia Project Regional Development Administration (GAP) and Arab Republic of Syria Ministry of Irrigation General Organization for Land Development (GOLD)
October 20, 1998	Not specified	Syria; Turkey	Minutes between Syria and Turkey on cooperation in fighting terrorism, signed at Adana, including Annex 2
April 17, 1989	Euphrates	Iraq; Syria	Joint minutes concerning the provisional division of waters of the Euphrates River
December 26, 1975	Alvend, Bnava Suta, Cham, Duverij, Gangir, Kanjan, Qurahtu, Tib	Iran, Imperial Government of; Iraq	Agreement between Iran and Iraq concerning the use of frontier watercourses, and protocol
June 13, 1975	Shatt al'Arab	Iran; Iraq	Treaty concerning the state frontier and neighbourly relations between Iran and Iraq and protocol
March 29, 1946	Euphrates, Tigris	Iraq; Turkey	Treaty of friendship and neighbourly relations, and six annexed protocols, signed at Ankara



Far left to right: Ravansar fountain; Simareh River; Mahabad River; Gharasoo River. Photo credits: Babak Sedighi.

