



TRANSBOUNDARY FRESHWATER DISPUTE DATABASE
www.transboundarywaters.orst.edu

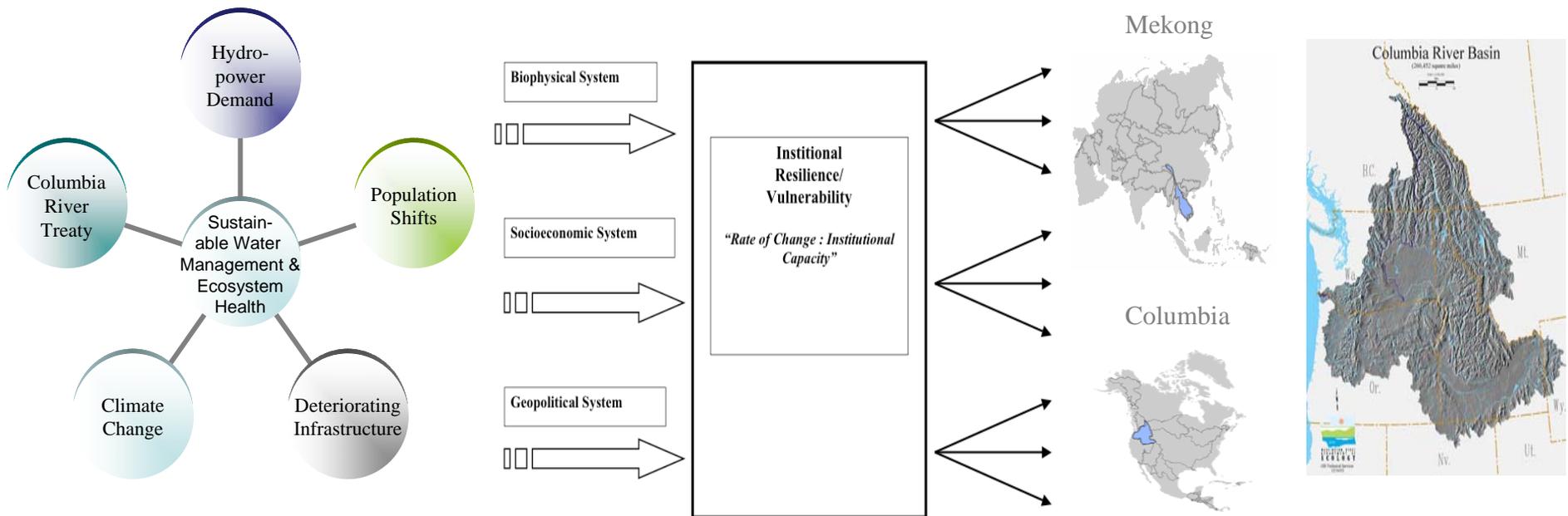
Transboundary Freshwater Dispute Database

Nov 2007

Oregon State University
Department of Geosciences

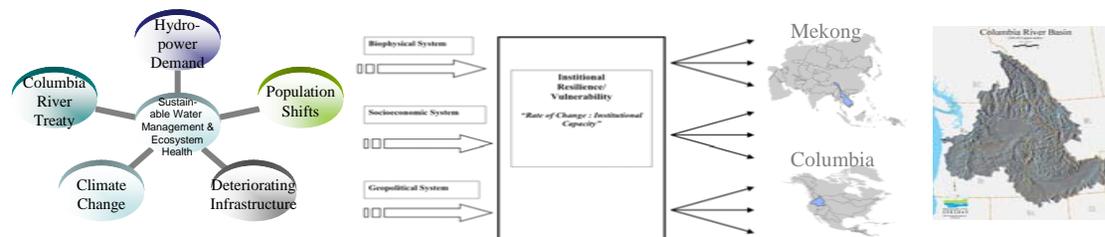


Schema of Database



Transboundary Freshwater Dispute Database (TFDD)

<http://www.transboundarywaters.orst.edu/>



Transboundary Freshwater Spatial Database



[Data](#) [Projects](#) [Publications](#) [Links](#) [Ab](#)

Transboundary Freshwater Dispute Datab:
Asia: Waterstress

Select type of map to view

Spatial Data

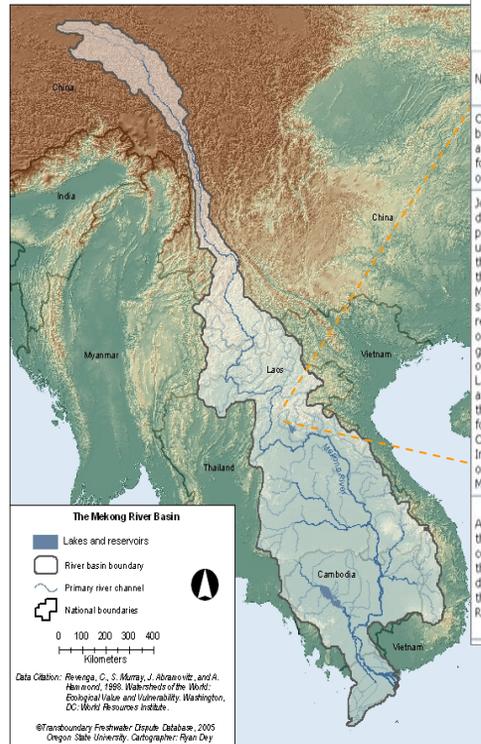
- Climate
- Dams
- Discharge
- Irrigation
- Land Cover
- Population
- Runoff
- Water Stress

Tabular Data

- Bibliography
- News Events 1950-2000
- Treaties

Hydropolitics

- Water Access
- No Treaties
- Large Project
- River Basin Organization
- Transboundary Aquifers



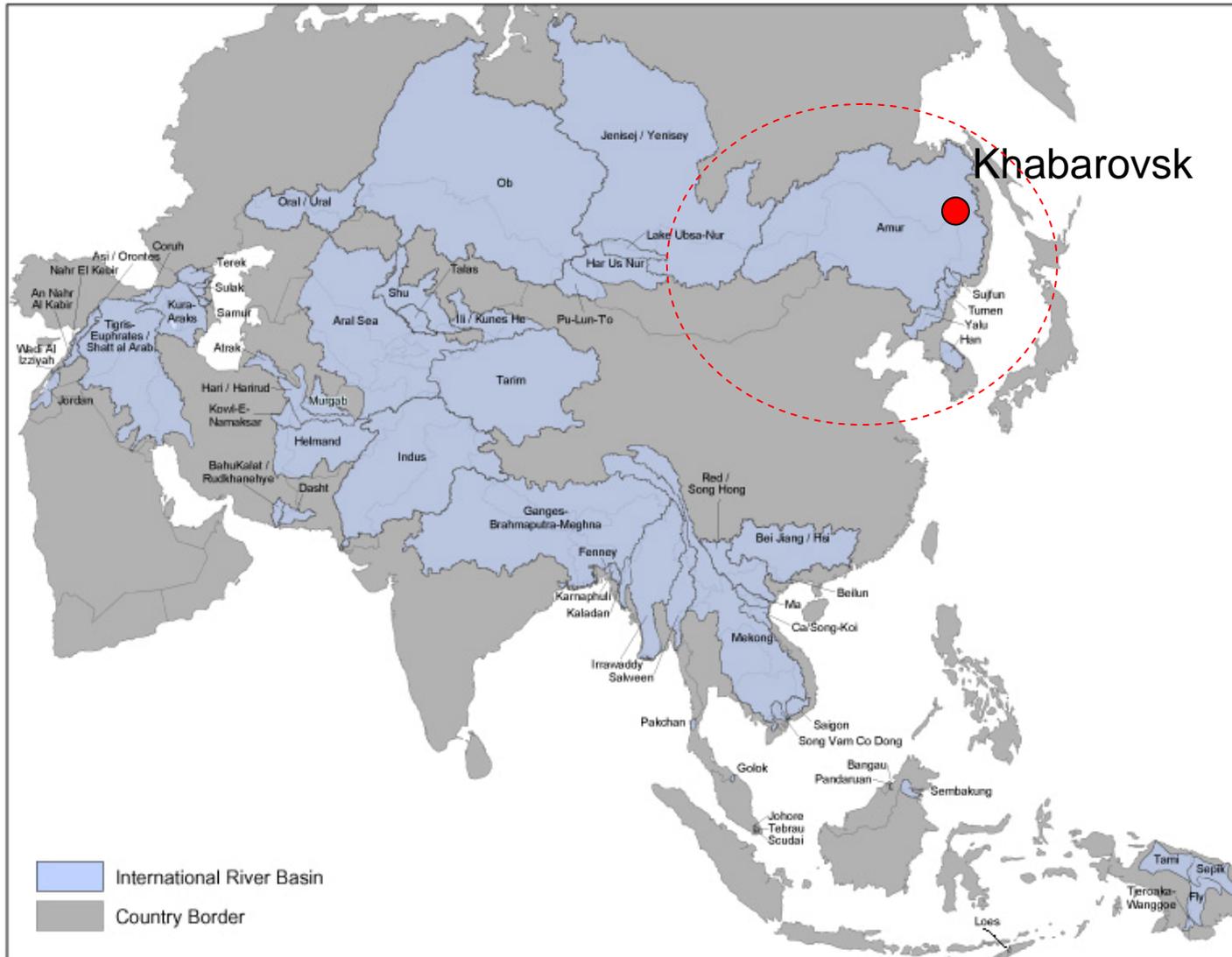
		Data	Projects	Publications	Links	About us	Home	
Name	Parties	Principal Issue area	Treaty Basin	TFDD Basin	Date	Signatories	Non Water Linkages	Click For Full Summary
Convention between Laos and Thailand for the supply of power	Bilateral	Hydro-power/Hydro-electricity	Mekong Nam Ngum Nam Pong	Mekong	August 12, 1965	Laos Thailand	Capital	Full Details
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	Multilateral	Economic Development	Mekong	Mekong	January 31, 1975	Khmer, Republic of Laos Thailand Vietnam	None	Full Details
Agreement on the cooperation for the sustainable development of the Mekong River Basin	Multilateral	Water Quantity	Mekong	Mekong	April 5, 1995	Cambodia Laos, People's Democratic Republic of Thailand Vietnam, Socialist Republic of	None	Full Details

Click on any watershed for more detail
Choose a new continent

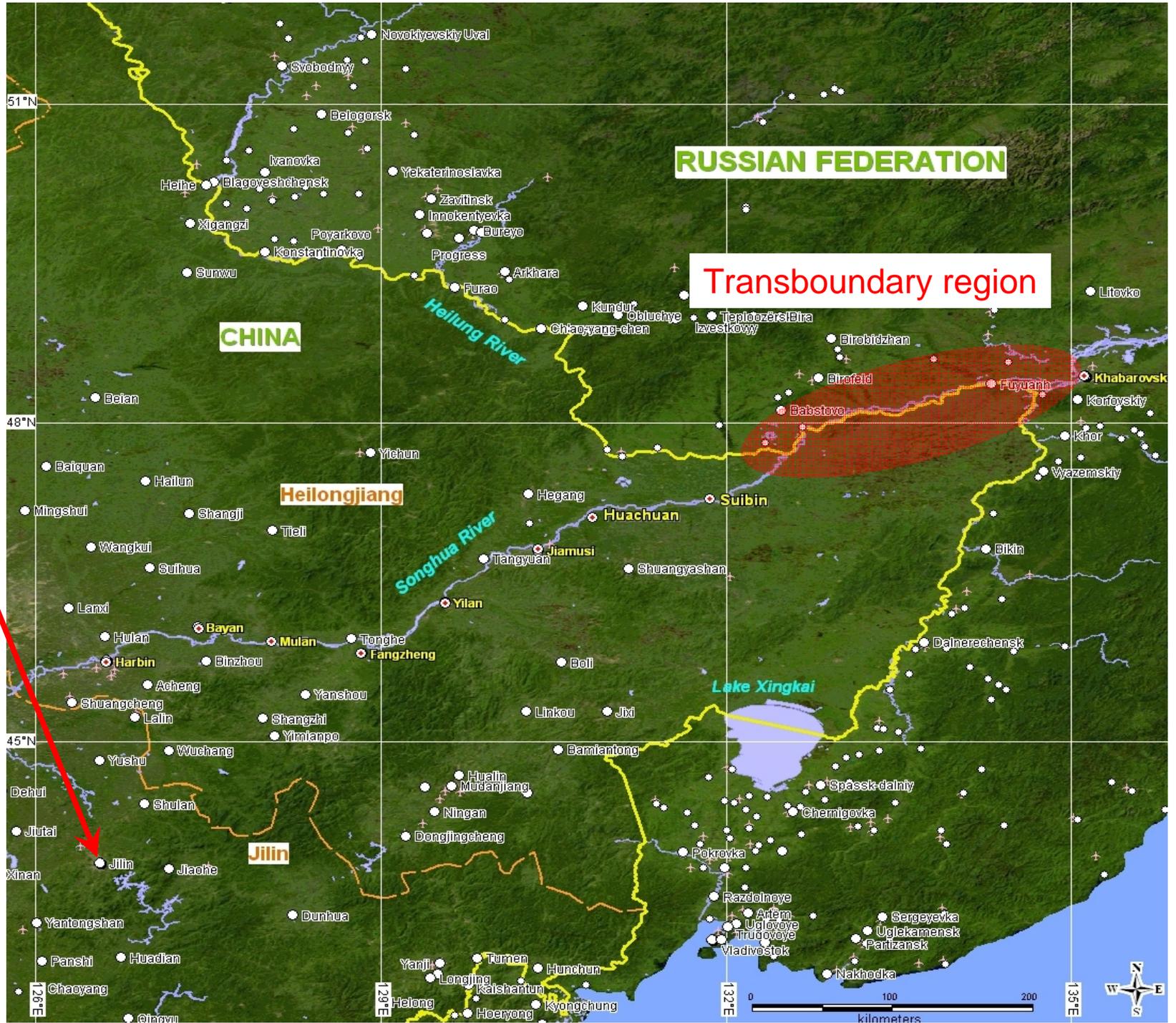


The largest and most complete collection of **WATER TREATIES** and **EVENTS** by basin in the world.

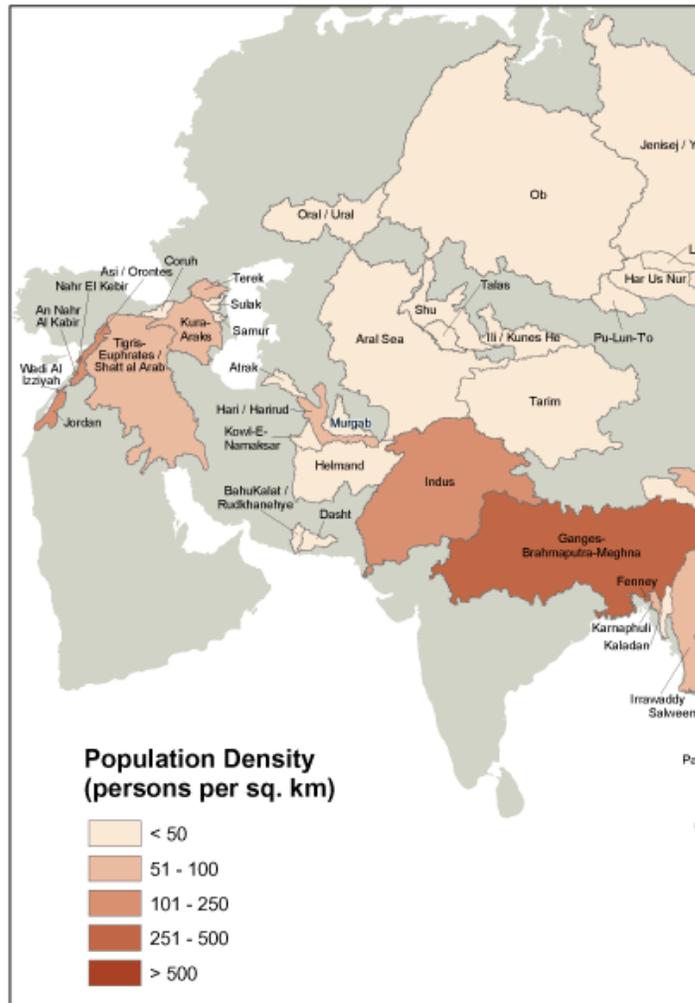
Amur Basin Contamination



Event
(plume)



Amur – Spatial Data Population



http://ocid.nacse.org - Transboundary Freshwater Dispute Database Population Data - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Transboundary Freshwater Dispute Database | Population

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Population Data in the Amur Basin

Population Total in Amur Basin	Population Density (persons/sq. km)
66100000	31

Population Data by Country in the Basin

Country Name	Total population living in the basin	Population density within the basin (persons/sq. km)	Area of the basin within country (sq. km)
China	61600000	69	889000
Mongolia	263000	1	191000
Korea, Democratic People's Republic of (North)	4940	44	112
Russia	4210000	4	1010000

Data Sources and Descriptions

Population data: Dobson, J.E., Bright, E.A., et al. (2000) [ORNL](#)

Population by basin: Yoffe, Shira and Greg Fiske. See Chapter 3.

Basin delineation: [Wolf, A.T., Natharius, J.A., et al. \(1999\)](#)

Data taken from global data sets and are for comparative purposes only. Data are not accurate for individual basins less than 25,000 sq. km. Data are truncated to an integer and rounded to the first three digits.

[Download CSV file](#)

[Download instructions](#)

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Done

Amur – Spatial Data Land Cover



Transboundary Freshwater Dispute Database | Landcover

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Landcover data in the Amur Basin		
Landcover Description	Landcover Area (sq. km.)	Landcover Percent Area
Urban and Built-Up Land	3258	0
Dryland Cropland and Pasture	260803	13
Irrigated Cropland and Pasture	27863	1
Cropland/Grassland Mosaic	75976	4
Cropland/Woodland Mosaic	36236	2
Grassland	283313	14
Shrubland	1916	0
Savanna	278991	13
Deciduous Broadleaf Forest	54532	3
Deciduous Needleleaf Forest	226427	11
Evergreen Needleleaf Forest	25404	1
Mixed Forest	757570	36
Water Bodies	31304	2
Herbaceous Wetland	14288	1
Wooded Wetland	3208	0
Barren or Sparsely Vegetated	36	0
Herbaceous Tundra	979	0
Wooded Tundra	3464	0
Mixed Tundra	296	0

Data Sources and Descriptions

Landcover: USGS-EROS Global 1km Grid [GLOBAL LAND COVER CHARACTERISTICS DATA BASE](#) (AVHRR 1km data from April 1992-March 1993)
 Landcover by Basin: [Yoffe, Shira and Greg Fiske. See Chapter 3.](#)
 Basin delineation: [Wolf, A.T., Natharius, J.A., et al. \(1999\)](#)

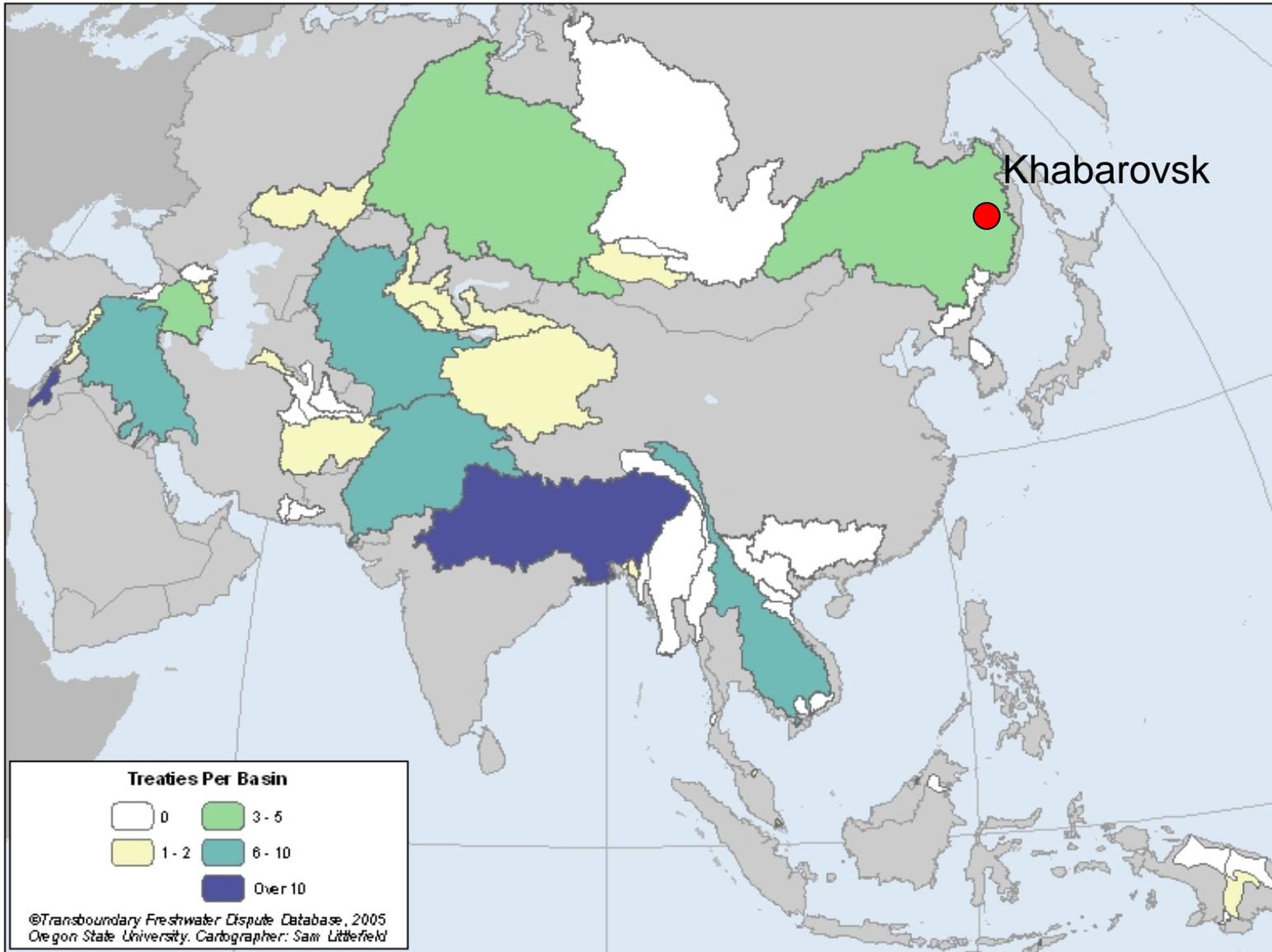
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 In addition, the resolution of the image is coarse due to the resolution of the data set.
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Sponsoring partners



Treaty Database

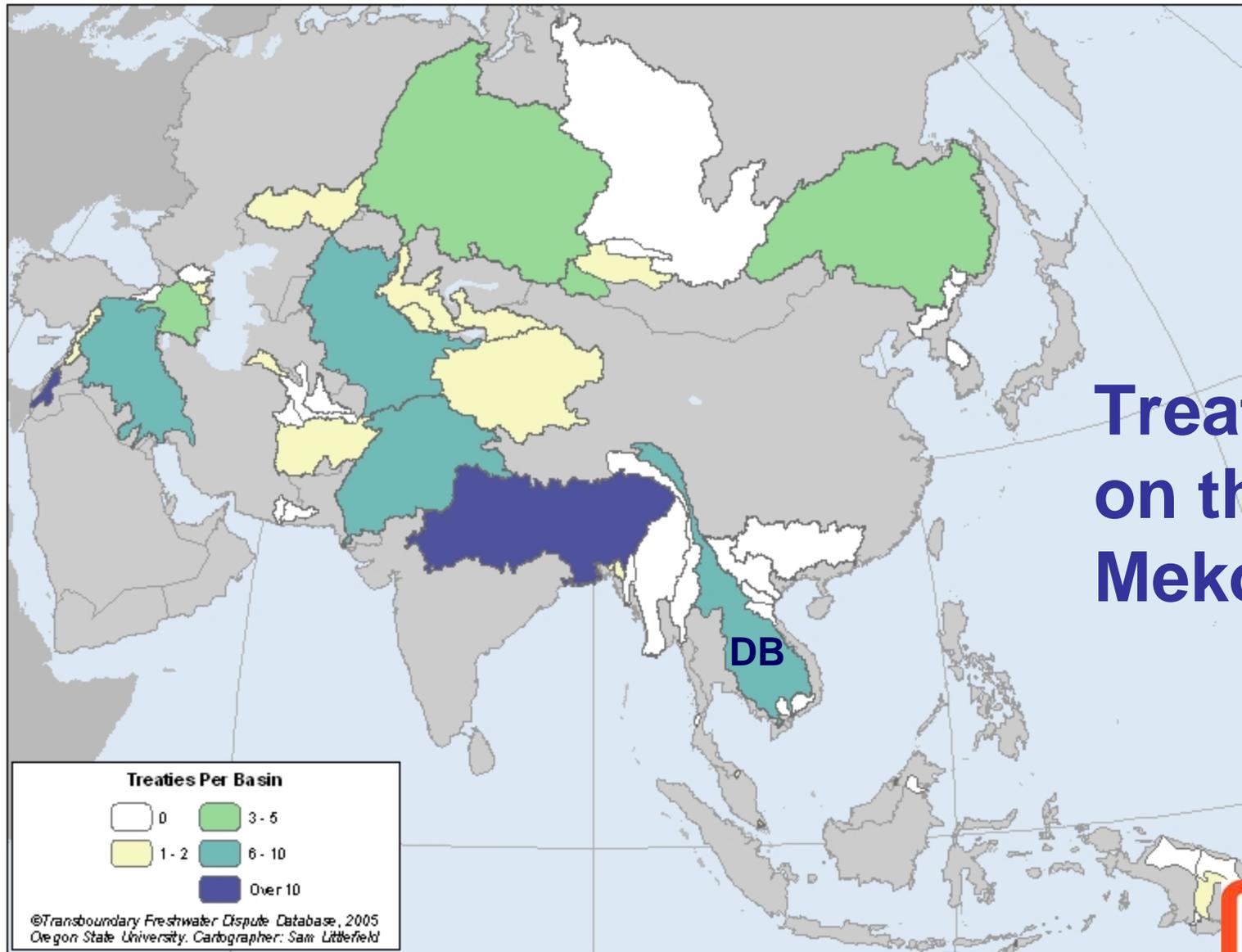


Treaties on the Amur Basin

Name	Parties	Principal Issue Area	Treaty Basin	TFDD Basin	Date	Signatories	Non Water Linkages	Full summary
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	Bilateral	Hydro-power/Hydro-electricity	Amur,	Amur	18-Aug-56	China, People's Republic of, Union of Soviet Socialist Republics,	None	full detail
Agreement between the government of the People's Republic of China and the government of Mongolia on the protection and utilization of transboundary waters	Bilateral	Water Quantity	Bulgan, Halaha, Bor Nor Lake, Kerulen/ Herlen He,	Amur	29-Apr-94	China, People's Republic of, Mongolia,	None	full detail
Agreement between the government of Mongolia and the government of the Russian Federation on the protection and use of transboundary waters	Bilateral	Water Quality	Amur, Onon, Selenga, Jenissei, Har Us Nur, Pu-Lun-T'o, Lake Baikal, Lake Ubsa Nur,	Amur	11-Feb-95	Mongolia, Russian Federation,	Not Available	full detail

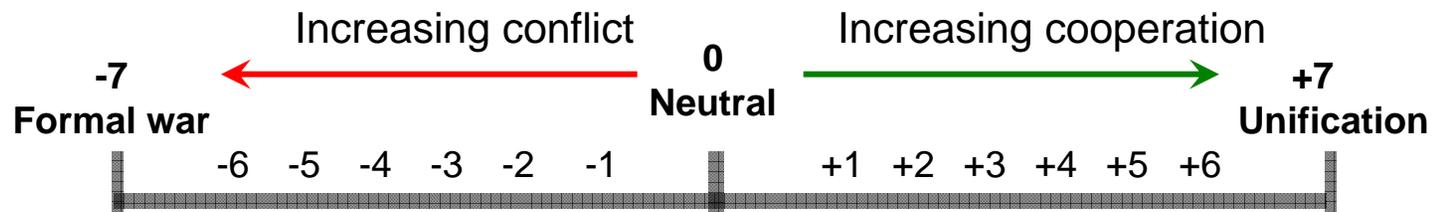


Treaties on the Mekong



Event Database

- International Water Event Database
- A searchable database documenting historical international water relations from 1948 to 2005.
- Events in the database concern water as a scarce or consumable resource or as a quantity to be managed.
- Event information includes the basins and countries involved, date occurred, issue area, and a detailed summary of the event.



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