

International Freshwater Treaty Database

Transboundary Freshwater Dispute Database

A [searchable database](#) of summaries and/or the full text of more than 600 international, freshwater-related agreements, covering the years 1820 to 2007.

Codebook Updated: March 2018

TFDD Basin and Spatial Information

A. Entry ID (numerical)

A unique code for identifying each entry in the database, or each basin country unit and treaty combination.

B. BCCODE (text)

Basin Country code that is related to the treaty or agreement (e.g., AMZN_BRA, AMZN is the four-letter code for the Amazon Basin and BRA is the three-letter country code for Brazil. This code relates to the area to which the agreement applies.

Global agreements not specific to a basin, such as UN Conventions, are coded as GNRL_GNL. For regional agreements, such as the SADC Protocol, they are coded as GNRL_Country Code. For bilateral or multi-lateral agreements where the basin area is not identifiable, but the countries the agreement applies to are, are coded as UNKN_Country Code. If neither the basin area nor the countries the agreement applies to are identifiable, then they are coded as UNKN_UKN.

C. BCODE (text)

Four digit TFDD Basin code for the basin. This code relates to the area to which the agreement applies. Global international agreements are coded as General (GNRL). If the agreement is a multi-lateral regional agreement, i.e. SADC Protocol, or a global level agreement, i.e. 1997 UNWC Convention, then General (GNRL) is used. Documents concerning groundwater that cannot be identified as being within an international basin are coded as Groundwater (GRND). Documents where the international basin is not identifiable or the document is missing are coded as Unknown (UNKN). Unknown code is used when the agreement is a bilateral or multi-lateral agreement between states that is specific to shared waters between those riparians, by not identifiable.

D. Basin Name (text)

TFDD Basin Name for the above BCODE. This code relates to the area to which the agreement applies. If a document addresses multiple TFDD basins, this column only lists the specific Basin name for the specific BCCODE of the entry. Global international agreements are coded as General (GNRL). If the agreement is a multi-lateral regional agreement, i.e. SADC Protocol, or a global level agreement, i.e. 1997 UNWC Convention, then General (GNRL) is used. Documents concerning groundwater that cannot be identified as being within an international basin are coded as Groundwater (GRND). Documents where the international basin is not identifiable or the document is missing are coded as Unknown (UNKN). Unknown code is used when the agreement is a bilateral or multi-lateral agreement between states that is specific to shared waters between those riparians, by not identifiable. River names are separated by a hyphen (-) for multiple rivers that drain to the same outlet, i.e. Ganges-Brahmaputra-Meghna. Rivers that are known by two or three common names or different spellings are separated by slashes (/), i.e. Congo/Zaire.

E. CCODE (text)

Three-digit TFDD country code of the Basin Country Unit. This code relates to the area to which the agreement applies. Documents where the international basin is not identifiable or the document is missing are coded as Unknown (UKN). For global agreements that are not specific to a basin area, such as UN Conventions, General (GNL) is used.

F. Country (Country_name; text)

Name of the country associated with the CCODE. This code relates to the area to which the agreement applies. Documents where the international basin is not identifiable or the document is missing are coded as Unknown (UKN). For global agreements that are not specific to a basin area, such as UN Conventions, General (GNL) is used.

G. 2016 Update ID (numerical)

A unique code for identifying each document in the database

H. 2010_Treaty_DocID (numerical)

A unique numerical code identifying each document in the database. Treaty # corresponds to the name of the electronic text for the document, if available (e.g., 188ENG.doc or 188ENG.pdf), and to the manila folder number in which the paper text of the document, if available, is filed.

I. TFDD ID-number [TFDD] (numerical)

A unique numerical code identifying each document in the database. Treaty # corresponds to the name of the electronic text for the document, if available (e.g., 188ENG.doc or 188ENG.pdf), and to the manila folder number in which the paper text of the document, if available, is filed.

J. Unified Primary 2016 Treaty ID (numerical)

The original agreement to which a replacement, amendment or protocol refers. If there is no reference to an original agreement, the current treaty number is listed.

K. Primary2010_Treaty_DocID (based on 2010_Treaty_DocID) (numerical)

The original agreement to which a replacement, amendment or protocol refers

L. PrimaryTFDDID - Primary Agreement-number (based on TFDD ID) [IWMI] (numerical)

The original agreement to which a replacement, amendment or protocol refers.

M. Document Name (text)

The full formal name of the document or best approximation thereof. The place of signature is often included as part of the treaty name. For non-English language documents, the title is translated to English. Not all title translations are official. The title format is that the first letter of the treaty name is capitalized, along with all proper names. All other words are lowercase.

N. Date signed (Date-Month/day/year) [IWMI]

This field refers to the date on which the document was signed. If such information is unavailable, the next choice is the date of entry into force, followed by the date of ratification. If the document is a series of letters written on different dates, the latest date is used and the range of dates included may be mentioned as part of the title of the document. Dates are represented in a month/day/year format.

O. Signatories (text; multiple entries possible)

List of the countries that signed the agreement. The country names used are the full country names found in the document. Country names are written so that the main name of the country comes first (to aid in searching of drop down lists of country names).

P. Document Type (DocType; numerical) [IWMI]

-1 – Not Available/Not Coded

1 – Not a treaty: The document is not a treaty signed by the respective parties

2 - Semi-international treaty: The treaty has not been concluded between sovereign states, for example an agreement between one state and an international organization or an agreement between a provincial government and a state.

3 – Does not fit TFDD inclusion criteria: the treaty does not deal with water as a consumable resource

4 - Primary Agreement: The first water treaty signed between the parties about a particular issue area.

5 - Replacement of a Primary Agreement: Replaces a previously signed water agreement on the same issue area.

6 - Amendment to a Primary Agreement: Amends parts of a previously signed water agreement on the same issue area

7 - Protocol to a primary agreement: A treaty adding further aspects to an already signed water treaty and potentially modifying parts of the original treaty

8 - Financial agreement related to international waters: A treaty dealing exclusively with the financing of particular aspects related to water management, not with water itself (and thus not part of core TFDD collection)

9- Missing

10-Available but not translated to English

11-Available but not coded

Q. Format (text; multiple entries possible) [IWMI]

Identifies the format of the treaties (e.g. Electronic, Partial Text, Missing, Paper) Format can also list the language of the treaty.

R. Source (text)[IWMI]

When known identifies the source of the treaty or agreement.

S. Notes (text) [IWMI]

Provides additional notes on the document, if applicable.

T. Location Signed (text) [IWMI]

Identifies where the treaty was signed. N.A. if not applicable or blank.

U. Region_Continent (text) [IWMI]

Continental region of the document; General refers to documents that are not region specific.

V. Primary Country Sub-Region (text)

Name of sub-region, e.g. Eastern Europe, Middle East

W. Treaty Basin(s) (text, multiple entries possible) [TFDD]

Identifies the international basins or sub-basins specifically mentioned in the document. If document applies to all basins shared between the signatories, but no basin is mentioned specifically, the code is “frontier or shared waters”. For frontier or shared waters, the TFDD Basin field will include all the basins shared between those signatories.

X. TFDD Basin(s) (text, multiple entries possible) [TFDD]

Identifies which international basin or basins the document concerns. Basins are defined according to the TFDD Geographical Information System (GIS) (Wolf, Natharius et al. 1999). Basins are identified by name and by a four-letter code, which is used to link the documents to the GIS of basins. The name of the TFDD basin is coded into this column, the four-digit Basin Code is in a different column. Multiple basins can be listed in this column separated by a comma. Global international agreements are coded as General (GNRL), as are agreements in which no basins are specified (e.g., EU agreement concerning atomic pollution of river systems). Documents concerning groundwater that cannot be identified as being within an international basin are coded as Groundwater (GRND).

In cases of multiple spellings or names for the same river system, a “/” separates the names (e.g., Duero/Duro), and the names are listed alphabetically. In cases where the basin represents the confluence of set of major rivers, a “-” is used to separate the names of the different river systems (e.g., Ganges-Brahmaputra-Mehgna). In instances where two basins have the same name, the continent of the basin, enclosed in parentheses, follows the river name (e.g., St. John (North America)).

Y. Number of Parties (numerical)

- Blank – Not coded
- 1 – Bilateral
- 2 – MuNtilateral

Z. Additional Comments (text)

This field provides additional information of interest with regards to the document. (e.g., list unusual provisions, note whether a joint committee was created).

AA. Minor Agreement-Y/N/N.A. [IWMI]

An agreement with components related to water as a resource but whose water component is believed insignificant and with little relation to international water management issues (e.g. a clause allowing border guards to access drinking water on adjacent territory). Essentially, the agreement’s focus, subjectively, is not or has little to do with water.

- Y – Yes
- N – No
- N.A. – Not applicable

BB. Reference to Precedence [IWMI] (numerical)

- 0 – Not Available/Not Coded
- 1 - None

- 2 – Specific water agreement signed between riparians: Agreement refers to an earlier basin or sub-basin agreement directly related to current signatories
- 3 – Specific general agreement signed between riparians: Agreement refers to an earlier non-water agreement directly related to current signatories.
- 4 – Specific regional or global environmental agreement: Agreement refers to a regional or global environmental agreement
- 5 – International law in general or particular international treaty: Agreement refers to international law in general or a particular international treaty

CC. Agreement Purpose [IWMI] (Multiple entries possible, separated by comma)

0 – Not Available/Not Coded

- 1 – Regulatory: sets rules to proscribe or prescribe action (e.g. on water allocation, pollution discharge).
- 2 – Procedural: develops procedures according to which decisions will be reached (e.g. establishment and meeting of river basin authorities)
- 3 – Programmatic: leads to the pooling or generation of resources to achieve a common program or goal (e.g. dam construction)
- 4 – Generative: Generates new principles or norms for cooperation in transboundary water management (e.g. The 1997 UN Conventions principle of “no significant harm”).

DD. Geographic Scope (GeoScope - numerical) [IWMI]

0 – Not Available/Not Coded

- 1 – Global: an agreement potentially open to any country but without reference to specific basins (e.g. 1997 UN Convention)
- 2 – Regional: an agreement potentially open to any country in a defined region but without reference to specific basins (e.g. SADC Protocol)
- 3 - All waters of two or more countries: an agreement covering all waters shared between two or more contiguous states but generally without reference to specific basins (e.g. US/Canada Boundary Waters Treaty)
- 4 - Entire named basin(s): an agreement covering the entire hydrologic area of one or more specifically named basins.
- 5 - Sub-basin(s) or other specified area(s): an agreement covering only a part of one or more specifically named or implied basins (e.g. a treaty on the Syr Darya within the Aral Basin), for example, often only the boundary parts of basins, or an activity confined to only part of a specifically named or implied basin (e.g. some hydropower treaty).

EE. Issue Area (Text) [TFDD & WB] (Multiple entries, separated by comma)

Identifies the main issue area or focus of the document; more than one issue area can be listed. There are 13 categories of issue area. Example: “Agreement on #@+ Hydropower Project” do not necessarily get Hydro-power/Hydro-electricity as a primary issue type. Need to check the text where it specifically talks about water itself. If the treaty says, allocate specific quantity of water

for irrigation means, they will get Water Quantity & Irrigation as the issue type, but not the Hydro-power/Hydro-electricity.

The issue areas are as follows:

0	Not coded
Water Quality	Documents relating to water quality or water-related environmental concerns
Water Quantity	Documents relating to water quantity
Hydro-power/Hydro-electricity	Documents relating to hydro-electricity or hydro-power facilities
Navigation	Documents relating to navigation, shipping, ports
Fishing	Documents relating to fishing
Flood Control/Relief	Documents relating to flooding, flood control, flood damage, flood relief
Economic Development	General economic/regional development
Joint Management	Documents involving joint management of basin or water resources, especially where the management concerns cover a range of issue areas
Irrigation	Documents relating to irrigation of agricultural areas
Infrastructure/Development	Documents relating to the infrastructure or development projects, including dams, barrages, draining of swamps for development purposes, canals.
Technical Cooperation/Assistance	Documents relating to technical or economic cooperation or assistance, including project evaluations or river surveys and funds for ranges of improvements to water-related technology/infrastructure
Border issues	Documents relating to rivers as shared borders/boundaries
Territorial issues	Documents relating to territorial claims, where the territory is associated with a water body, e.g., a river island

FF. RBO – Y/N/N.A.

Agreement establishes a River Basin Organization, i.e. a joint management institution with a broad, general mandate to manage water issues in the entire basin.

Y – Yes

N – No

N.A. – Not applicable

GG. Infrastructure – Y/N/N.A.

An agreement with the major purpose of constructing some form of infrastructure, i.e. barrages, canals, dykes, etc.

Y – Yes

N – No

N.A. – Not applicable

Content Related to Water as a Resource

HH. Allocation (Numerical, can have multiple entries separated by comma)

-1 – Not available/Not Coded

0 – None (Applies to all three categories)

1. Water quantity

- 1.2. fixed quantities
- 1.3. fixed quantities, variable (by water availability)
- 1.4. fixed quantities, recoupable (in later periods if not met)
- 1.5. percentage of flow
- 1.6. prior approval (e.g. in case one party requires a higher water use than was usual up to date for example because of the construction of an irrigation system, it has to seek the consent of the other party)
- 1.7. allocation of entire rivers
- 1.8. consultation
- 1.9. fixed quantities and percentage
- 1.10. not used
- 1.11. prioritization of uses (e.g. domestic use first, hydropower second..)
- 1.12. fixed quantities vary according to time of the year
- 1.13. allocating time
- 1.14. unclear
2. Hydropower
 - 2.2. fixed quantities
 - 2.3. fixed quantities, which vary according to water availability
 - 2.4. fixed quantities recouped in the following period
 - 2.5. percentage
 - 2.6. prior approval
 - 2.7. allocation of entire rivers
 - 2.8. consultation
 - 2.9. fixed quantities and percentage
 - 2.10. not used
 - 2.11. prioritization of uses
 - 2.12. allocation of places
3. Pollution
 - 3.2. fixed quantities
 - 3.3. fixed quantities, which vary according to water availability
 - 3.4. fixed quantities recouped in the following period
 - 3.5. percentage
 - 3.6. prior approval
 - 3.7. allocation of entire rivers
 - 3.8. consultation
 - 3.9. fixed quantities and percentage
 - 3.10. not used
 - 3.11. prioritization of uses
 - 3.12. general statement on prohibiting pollution

II. Allocation: Article (Alloc_Article) [IWMI] (text, multiple entries possible)

Number or location of text discussing allocation in the document

JJ. Allocation: Text (Alloc_Text) (text, multiple entries possible)

Notes or comments on allocation text

KK. Hydropower - Y/N [IWMI]

An agreement which mentions hydropower

Y – Yes

N – No

0/N.A. – Not applicable

LL. Hydropower Article (Hydro_Article) (text, multiple entries possible)

Number or location of text discussing hydropower in the document

MM. Hydropower Text (Hydropower_Text) (text, multiple entries possible)

Notes or comments on hydropower text

NN. Irrigation-Y/N [IWMI]

An agreement which mentions irrigation.

Y – Yes

N – No

N.A. – Not applicable

OO. Irrigation Article (text, multiple entries possible)

Number or location of text discussing irrigation in the document

PP. Groundwater-Y/N [IWMI]

An agreement which mentions groundwater. Does not include agreements which might implicitly cover groundwater

Y – Yes

N – No

N.A. – Not applicable

QQ. Groundwater Article (text, multiple entries possible)

Number or location of text discussing groundwater in the document

RR. Environment (numerical)

-1 – Not Available/Not Addressed

0 – General environment: an agreement which stipulates in a general manner that the parties will consider environmental issues in the future

1 - Water quality: An agreement which explicitly mentions water quality issues.

2 - Environmental services: An agreement which explicitly mentions environmental services or protection.

SS. Environment Article (text, multiple entries possible)

Number or location of text discussing environment in the document

TT. Equity or Sustainability-Y/N/N.A. [IWMI]

An agreement in which the parties refer to some general principle, such as equity, sustainability, rationale etc., which should overarch their cooperative endeavors

Y – Yes

N – No

N.A. – Not applicable

UU. Equity or Sustainability Article (Equity_Article) (text, multiple entries possible)

Number or location of text discussing equity or sustainability in the document

VV. Equity or Sustainability Text (text, multiple entries possible)

Notes or comments on equity or sustainability text

WW. Local Needs-Y/N/N.A. [IWMI]

An agreement which explicitly states that the needs of the local population living in border areas should be considered

Y – Yes

N – No
N.A. – Not applicable

XX. Local Needs Article [IWMI] (text, multiple entries possible)

Number or location of text discussing local needs in the document

YY. Right to Construct Y/N/N.A. (Construct_Right) [IWMI]

An agreement giving one or a number of signatories the right to construct particular infrastructure, such as dams

Y – Yes
N – No
N.A. – Not applicable

ZZ. Right to Construct Article (Construct_Article) (text, multiple entries possible)

Number or location of text discussing construction rights in the document

AAA. Ban on Particular Constructions (Construct_Ban) Y/N/N.A. [IWMI]

An agreement which bans the construction of particular infrastructure in certain areas or in general by one or more signatories.

Y – Yes
N – No
N.A. – Not applicable

BBB. Ban on Construction Article (ConstructBan_Article) (text, multiple entries possible)

Number or location of text discussing construction bans in the document

CCC. Prior Notification Before New Water Needs are Realized (PriorNotification) [IWMI] (numerical)

An agreement requiring signatories to communicate with each other if they want to use additional water resources or construct infrastructure such as dams or diversion channels.

- 1 - None/not mentioned
- 2 - Prior notification: One riparian has to notify the other about any planned measures
- 3 - Prior consultations: The riparians are required to consult with each other any planned measures
- 4 - Prior consent: The other riparians have to agree to the plans before any action can be undertaken

DDD. Prior Notification Before New Water Needs are Realized Article (PriorNotif_Article) (text, multiple entries possible)

Number or location of text discussing prior notification in the document

Content Not Related to Water as a Resource

EEE. Navigation-Y/N/N.A. [IWMI]

The agreement mentions navigation as an issue

Y – Yes
N – No
N.A. – Not applicable

FFF. Navigation Article (Nav_Article) (text, multiple entries possible)

Number or location of text discussing navigation in the document

GGG. Fishing-Y/N/N.A. [IWMI]

The agreement mentions fishing as an issue

Y – Yes

N – No

N.A. – Not applicable

HHH. Fishing Article (Fish_Article) (text, multiple entries possible)

Number or location of text discussing fishing in the document

III. Border Issues-Y/N/N.A. [IWMI]

The agreement delineates, adjusts or reaffirms the border between two or more countries

Y – Yes

N – No

N.A. – Not applicable

JJJ. Border Issues Article (Border_Article) (text, multiple entries possible)

Number or location of text discussing border issues in the document

KKK. Territorial Issues-Y/N/N.A. [IWMI]

The agreement (re)divides or affirms territorial sovereign rights.

Y – Yes

N – No

N.A. – Not applicable

LLL. Territorial Issues Article (Territorial_Article)

Number or location of text discussing territorial issues in the document

MMM. Non-Water Linkages (text, multiple entries possible)

An agreement which requires at least one party to provide another with compensation (e.g., exchange of land or money for water; trade concessions in exchange for water rights, financial, gas, oil, timber, etc.) in exchange for water rights or access.

None – Not mentioned

Examples: Capital, Energy, Land, Political Concessions, Other

NNN. Non-Water Linkages Article (NonWater_Article) (text, multiple entries possible)

Number or location of text discussing non-water linkages in the document

OOO. Non-Water Linkages Comments (text, multiple entries possible)

Notes or comments on non-water linkages in text

PPP. Embedded in a larger Non-Water Context-Y/N/N.A. (NonWater_Embed) [IWMI]

An agreement in which water as a consumable resource is only one issue in a larger overall agreement, for example as related to peace, navigation or territorial delimitations.

Y – Yes

N – No

N.A. – Not applicable

Content Related to Uncertainty Management

QQQ. Uncertainty Explicit (numerical) [IWMI] (multiple entries possible, separated by comma)

The treaty explicitly mentions some form of uncertainty in its text

-1 – Not Available

0 – None

1 – Flow variability: floods and/or droughts are mentioned

2 – Environmental: the treaty mentions more general environmental hazards

3 - Treaty implementation: the treaty refers to uncertainties whether one or all of the parties will actually implement the treaty.

4 – Political: such as war or political crisis

5 – Data: uncertainty about the validity of the data gathered by one or all of the parties for whatever reason.

6 – Financial: Uncertainty about the financial costs of an agreement and/or whether and/or how they will be met.

7 - Effectiveness of treaty regime: uncertainty about whether the goals of the treaties will be met with the help of the measures installed in the treaty

8 – Scientific: incomplete scientific knowledge mentioned leading to uncertainty of particular outcomes

9 – Infrastructural: Uncertainty about whether the work constructed under the treaty regime or other relevant infrastructure could collapse, leak, etc.

10 – Demand Uncertainty

11 - Economic

RRR. Uncertainty Explicit Article (UncertExplicit_Article) (text, multiple entries possible)

Number or location of text discussing explicit uncertainty in the document

SSS. Variability Management (VarMgmt) (numerical)

The document needs to talk specifically about an EXTREME EVENT.

-1 – Not Available/Not Coded

0 - None

1 - Flood control: an agreement which refers to the control of flooding

2 - Dry season control: an agreement which refers to water management to offset low season flow reductions

3 – Both: an agreement which refers to both flood and dry season control

TTT. Variability Management Article (VarMgmt_Article) (text, multiple entries possible)

Number or location of text discussing variability management in the document

UUU. Variability in Water/Hydro needs-Y/N/N.A. (NeedsVariability) [IWMI]

The variability of the parties' needs for water and/or hydropower is mentioned in the text and/or accounted for.

Y – Yes

N – No

N.A. – Not applicable

VVV. Needs Variability Article (NeedsVar_Article) (text, multiple entries possible)

Number or location of text discussing needs variability in the document

WWW. Alternative Scenarios-Y/N/N.A. (AltScenarios) [IWMI]

The treaty mentions at least one situation in which a different development can occur and alternative modes of action are stipulated.

Y – Yes

N – No

N.A. – Not applicable

XXX. Alternative Scenarios Article (AltScen_Article) (text, multiple entries possible)

Number or location of text discussing alternative scenarios in the document

YYY. Prediction Modeling-Y/N/N.A. [IWMI]

The treaty develops or mentions available mechanisms for predicting particular aspects about the future, such as for example the occurrence of floods.

Y – Yes

N – No

N.A. – Not applicable

ZZZ. Prediction Model Article (text, multiple entries possible)

Number or location of text discussing prediction modelling in the document

AAAA. Joint Management – Y/N/N.A. (JointMgmt) [IWMI]

An agreement which institutes some form of joint management institution or Commission – a specialized institutional body for dealing with the issues stipulated in the treaty and whose scope of action and authority depends upon the treaty. The mandate may be more narrowly defined than a River Basin Organization.

Y – Yes

N – No

N.A. – Not applicable

BBBB. Joint Management Article (JointMgmt_Article) (text, multiple entries possible)

Number or location of text discussing joint management in the document

CCCC. Commission Name (CommName) (text, multiple entries possible)

The name of the joint management body formed.

Content Related to Procedural Rules

DDDD. Technical or Financial Cooperation or Assistance-Y/N/N.A. (TechCoop) [IWMI]

The parties agree to cooperate with each other or to assist each other in technical and/or financial matters

Y – Yes

N – No

N.A. – Not applicable

EEEE. Technical or Financial Cooperation Article (TechCoop_Article) (text, multiple entries possible)

Number or location of text discussing Technical or Financial Cooperation or Assistance in the document

FFFF. Information Exchange-Y/N/N.A. (InfoExchange) [IWMI & TFDD]

The parties agree to exchange data about flows, etc. [IWMI] A yes/no variable as to whether the document contains provisions concerning the exchange of water-related information. If not available, code as “Not Available”. [TFDD]

Y – Yes

N – No

N.A. – Not applicable

GGGG. Information Exchange Article (InfoExchange_Article) (text, multiple entries possible)

Number or location of text discussing Information Exchange in the document

HHHH. Monitoring-Y/N/N.A. [IWMI & TFDD]

The parties create mechanisms to monitor treaty compliance, to supervise the construction of works, or the financial terms of an agreement, etc.

Y – Yes

N – No

N.A. – Not applicable

III. Monitoring Article (text, multiple entries possible)

Number or location of text discussing monitoring in the document

JJJJ. Conflict Resolution Mechanism [multiple possible separated by commas] [IWMI]

The mechanism(s) specified in the document to address disagreements among the signatories

-1 – Not Available/Not Coded

0 – None

1 – Commission: an installed commission or one created for that purpose composed exclusively of representatives from the parties concerned is supposed to deal with disputes.

2 - Diplomatic Channels: The parties agree to solve disputes in consultations through diplomatic channels

3 – Arbitration: an independent arbitral tribunal is supposed to decide about disputes, the decisions are final and binding

4 - Third party involvement: Third parties help to facilitate consultations between the parties, but they have no power to confer any judgments

5 –Permanent Judicial Organ: referring to Permanent Judicial Organ to settle international dispute, such as the International Court of Justice

KKKK. Conflict Resolution Mechanism Article (ConflictRes_Article) (text, multiple entries possible)

Number or location of text discussing Conflict Resolution Mechanism in the document

LLLL. Agreement Finance-Y/N/N.A. (AgreeFinance) [IWMI]

The treaty stipulates how the provisions made in the treaty will be financed.

Y – Yes

N – No

N.A. – Not applicable

MMMM. Agreement Finance Article (AgreeFinance Article) (text, multiple entries possible)

Number or location of text discussing Agreement Finance in the document

NNNN. Stakeholder Participation-Y/N/N.A. (StakeholderParticip) [IWMI]

Is some form of stakeholder participation mentioned in the treaty?

Y – Yes

N – No

N.A. – Not applicable

OOOO. Stakeholder Participation Article (Stakeholder_Article) (text, multiple entries possible)

Number or location of text discussing Stakeholder Participation in the document

PPPP. Consultations-Y/N/N.A. [IWMI]

Does the treaty provide for the parties' direct and regular consultations on water issues through diplomatic channels?

Y – Yes
N – No
N.A. – Not applicable

QQQQ. Consultations Article (text, multiple entries possible)

Number or location of text discussing consultations in the document

RRRR. Compensation-Y/N/N.A. [IWMI]

Does the treaty provide for any form of compensation in case one of the parties is harmed?

Y – Yes
N – No
N.A. – Not applicable

SSSS. Compensations Article(text, multiple entries possible)

Number or location of text discussing Compensation in the document

TTTT. National Programs or Laws-Y/N/N.A. (National_Prog_Laws) [IWMI]

Does the treaty oblige the parties to adopt national laws or develop national programs in order to meet treaty provisions?

Y – Yes
N – No
N.A. – Not applicable

UUUU. National Programs or Laws Article (NationalLaws_Article) (text, multiple entries possible)

Number or location of text discussing National Programs or Laws in the document

VVVV. Interests of Non-Signatory Riparians-Y/N/N.A. (NonSig_Riparians) [IWMI]

Does the treaty mention that non-signatory riparians could have an interest in issues discussed in the agreement?

Y – Yes
N – No
N.A. – Not applicable

WWWW. Interests of Non-Signatory Riparians Article (NonSigInterests_Article) (text, multiple entries possible)

Number or location of text discussing Interests of Non-Signatory Riparians in the document

XXXX. Interests of People Mentioned-Y/N/N.A. (People_Interests) [IWMI]

Is it mentioned that the treaty has been signed in the interest of the populations or that some measures were taken for that purpose?

Y – Yes
N – No
N.A. – Not applicable

YYYY. Interests of People Mentioned Article (PeopleInterests_Article) (text, multiple entries possible)

Number or location of text discussing Interests of People in the document

ZZZZ. Amendment Mechanism-Y/N/N.A. (AmendMech) [IWMI]

Is the possibility of an amendment of the treaty mentioned in the text?

Y – Yes
N – No

N.A. – Not applicable

AAAAA. Amendment Mechanism Article (AmendMech_Article) (text, multiple entries possible)

Number or location of text discussing Amendment Mechanism in the document

BBBBB. Not Establishes Precedence-Y/N/N.A. (Precedent_NotEst) [IWMI]

Does the treaty explicitly mention that the agreement reached in this concrete case does not represent a precedent for any other issues which might arise?

Y – Yes

N – No

N.A. – Not applicable

CCCCC. Not Establishes Precedent Article (PrecedentNotEst_Article) (text, multiple entries possible)

Number or location of text discussing Not Establishes Precedent in the document

DDDDD. Establishes Precedent-Y/N/N.A. (Precedent_Est) [IWMI]

Does the treaty explicitly state that it establishes a precedent for other similar issues which could arise in the future?

Y – Yes

N – No

N.A. – Not applicable

EEEEE. Establishes Precedent Article (PrecedentEst_Article) [IWMI] (text, multiple entries possible)

Number or location of text discussing Establishes Precedent in the document

FFFFF. Enforcement- Y/N/N.A. [TFDD & WB]

A yes/no variable as to whether the document contains provisions concerned with enforcement of the provisions of the document. If not available, code as “Not Available”.

Y – Yes

N – No

N.A. – Not applicable

GGGGG. Enforcement Mechanism – text (EnforceMech) (text, multiple entries possible)

What is the general mechanism for the enforcement provision?

HHHHH. Method for Water Division-Text (WaterDiv_Method) [TFDD] (text, multiple entries possible)

Provides information on the methodology used to allocate the water resources. E.g., divide equally, share according to pre-existing need, through a complex formula, percentages based on seasonally available water supplies. If none mentioned, code as “None”. If information not available, code as “Not Available”.

IIIII. Basin Name (text, Same as Column D)

TFDD Basin Name. If a document addresses multiple TFDD basins, this column only lists the specific Basin name for the specific BCCODE of the entry. Global international agreements are coded as General (GNRL), as are agreements in which no basins are specified. Documents concerning groundwater that cannot be identified as being within an international basin are coded as Groundwater (GRND). Documents where the international basin is not identifiable or the document is missing are coded as Unknown (UNKN).

