Water diplomacy: linking water and peace

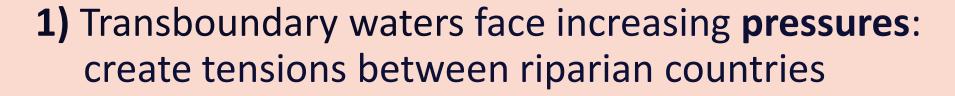
Marko Keskinen, Aalto University World Water Day 2024 – 22.3.2024





Why water diplomacy?

First view: through water (and neoliberalism)



2) Cooperation on transboundary waters have strong institutional basis, but not always enough

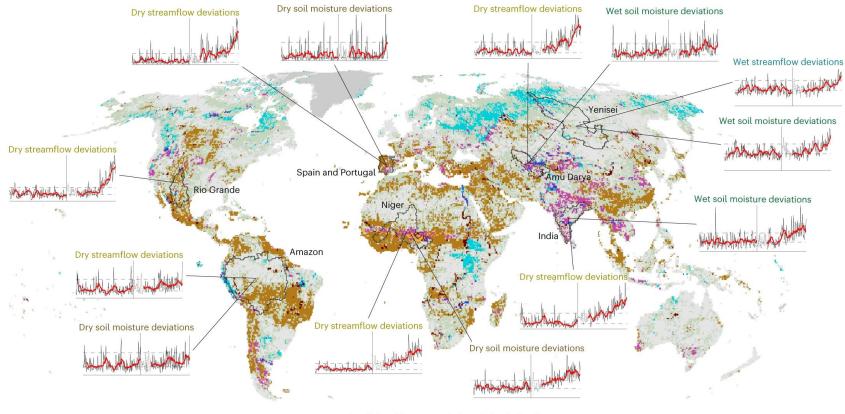
- → Water diplomacy as an **additional approach** combining
 - i) water-focused cooperation and
 - ii) politically-focused diplomacy & peace mediation

Planetary boundary for freshwater

change transgressed

variability

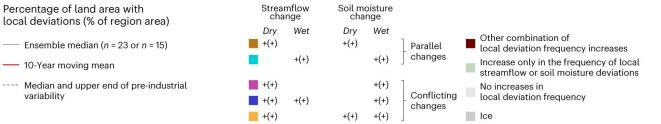
Porkka, Virkki et al 2024 in Nature Water: https://doi.org/10.1038/s44221-024-00208-7



"substantial shift from pre-industrial streamflow and soil moisture reference conditions to persistently increasing change"

"Most of the world's population live in water-insecure countries" UNU-INWEH 2023

Combined increases in local deviation frequency (1976-2005 compared with 1691-1860)



Why water diplomacy?

Second view: through diplomacy (and neorealism)

- 1) International relations face increasing pressures: create tensions between countries & country blocs
 - 2) Increasing disregard of multilateral cooperation emphasises national interests and securitization
 - →Shared waters can also become political battleground: water diplomacy as the **only feasible way** forward

Planetary boundary for political cooperation transgressed?

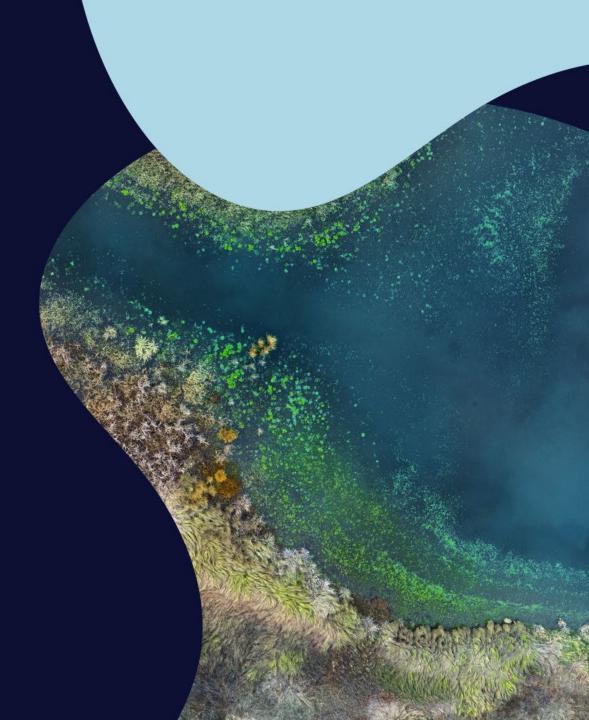


Substantial shift from early-2000s political cooperation conditions to persistently increasing disregard of multilateralism



Both views emphasise that we need more

Water diplomacy



Water diplomacy

"the deliberative political processes and practices of preventing, mitigating, and resolving disputes over transboundary water resources and developing joint water governance arrangements by applying foreign policy means, embedded in bi- and/or multilateral relations beyond the water sector and taking place at different tracks and levels"

Sehring et al. 2022: https://brill.com/view/journals/dipl/4/2/article-p200_003.xml

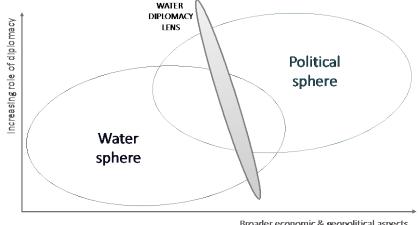
"a dynamic **politically-oriented** process

...that aims to prevent, mitigate, and resolve water-related tensions (in shared waters)

...by making **simultaneous use** of diplomatic tools, water-related know-how and cooperation mechanisms

...across multiple diplomacy tracks"

Water diplomacy



Broader economic & geopolitical aspects

Aim: mitigate water-related tensions (+ to facilitate cooperation)

Focus: political + beyond water (energy, agriculture, trade)

Contexts: many, but typically transboundary waters

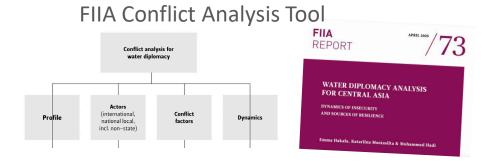
Actors: diplomats, peace mediators with water experts

→ Across multiple diplomacy tracks

Ultimately about (international) relations building



Water / diplomacy paths



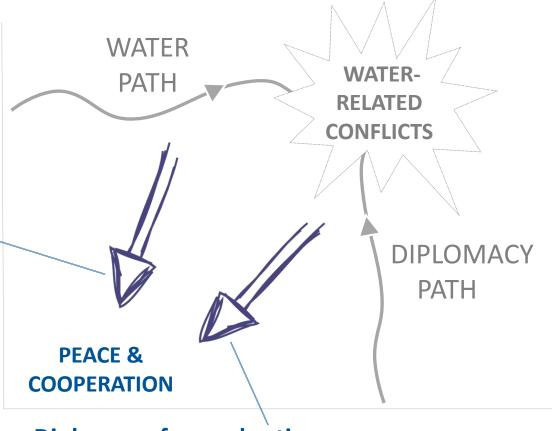
Water diplomacy is a process with both water and diplomacy aspects: paths approach one way to emphasise this

Water-related tensions

"water to politics"

Water-focused actions <

Bringing
water-related
know-how and
institutions
into political
processes



Diplomacy-focused actions

Utilising diplomatic and peace mediation tools for shared waters

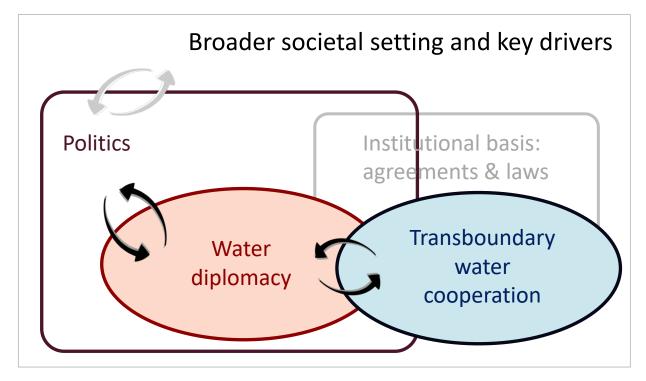
Political tensions

"politics to water"

Keskinen et al. 2021: http://bit.ly/waterdiplomacypaths

Linking water diplomacy and transboundary water cooperation

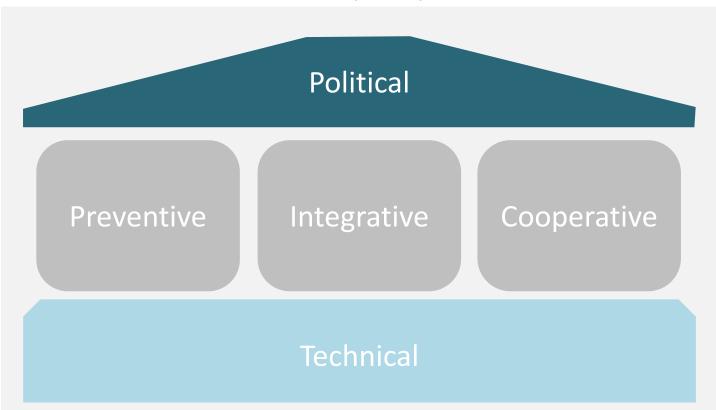
These two ultimately complementary concepts: their relations also change over time



TRANSBOUNDARY WATER INTERACTIONS

Water diplomacy: several aspects

Water diplomacy



Water cooperation

Keskinen et al. 2021: http://bit.ly/waterdiplomacypaths

Water diplomacy aspects Examples of related key approaches, frameworks and mechanisms The most strongly political track: critical POLITICAL: Inherently political process that goes far beyond water per se; part hydropolitics; geopolitics; foreign of wider diplomatic setting and policy; regional cooperation geopolitics Preventive diplomacy; peace mediation PREVENTIVE: Peace mediation and conflict prevention and peace building; conflict resolution INTEGRATIVE: Connecting multiple Multi-track Diplomacy; Integrative Diplomacy; Integrated Water Resources forms and levels of institutions and stakeholders and the different types of Management; knowledge co-production knowledge COOPERATIVE: Cooperation and good Cooperative arrangements; benefitsharing approaches; international governance to promote reasonable and agreements on shared waters; equitable water use sustainability TECHNICAL: providing an information The most strongly technical track: basis for the diplomacy about water, Information on hydrology, water related resources and the environment quantity, quality and timing; knowledge production and products such as hydrological models and impact assessments.

How water diplomacy?

- 1) Utilise **both** water cooperation and diplomacy + peace mediation expertise
 - 2) Take multiactor approach: state actors critical, but other diplomacy tracks and processes facilitate
 - 3) Consider critical dimensions in relations-building conflict-resolution and peace mediation
 →About the process and trust

Plenty of activities, stay tuned!



World Water Week in August 2024 on these themes https://www.worldwaterweek.org

Water diplomacy project coordinated by Syke https://www.syke.fi/projects/waterdiplomacy

We at Aalto University working on these themes, too

THANK YOU!

Water diplomacy: linking water and peace

Marko Keskinen, Aalto University, Finland World Water Day 2024 – 22.3.2024

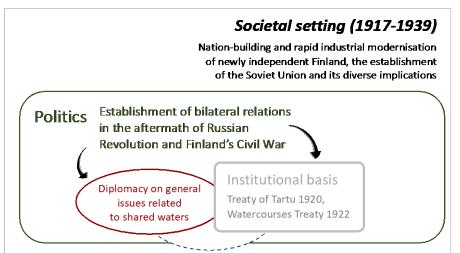


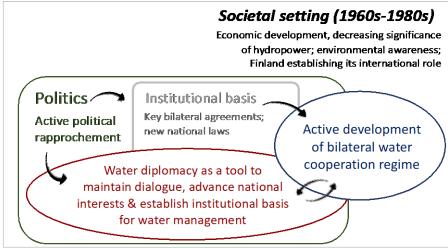


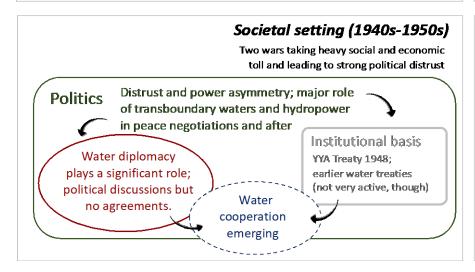
	Transboundary Water Cooperation	Water Diplomacy
PHYSICAL BASIS	Waterbody and its catchment, typically a shared river basin	Regional, based on state borders
LEGAL BASIS	Relatively clear and water-focused: UN Water Conventions and possible regional water agreements	Same as with TWC, plus relevant international treaties and norms + possible regional agreements
KEY GOVERNMENTAL ACTORS & STRUCTURES	Intergovernmental river basin commissions and water-related government agencies	Foreign ministries and regional (economic) cooperation organisations, with a link to TWC actors
KEY COOPERATIVE PROCESSES	Water use and allocation, including (joint) monitoring, impact assessment & planning	Political and economic negotiations on (and beyond) shared waters;
MAIN ASSUMPTION	Willingness for cooperation (despite differences) under a given mandate; joint benefits from a shared waterbody	A compromise between different interaction strategies, building on national interests and sovereignty
THE AIM	Interaction on shared waters as a facilitator for political goals, such as peace, development and security (nationally and regionally)	

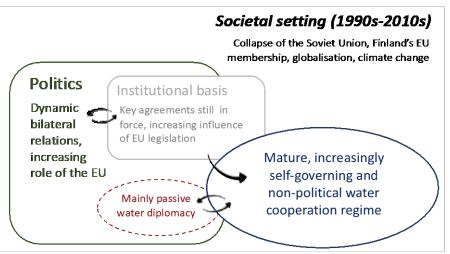
Keskinen et al. 2021: http://bit.ly/waterdiplomacypaths

Linking water diplomacy and transboundary water cooperation









Haapala & Keskinen 2022: http://bit.ly/HaapalaKeskinen

Transboundary freshwaters

SURFACE WATERS

There are around 310 transboundary river & lake basins globally

→ Cover over 40% of population, around 47% of its land surface, almost 60% of global water flow and around 150 countries

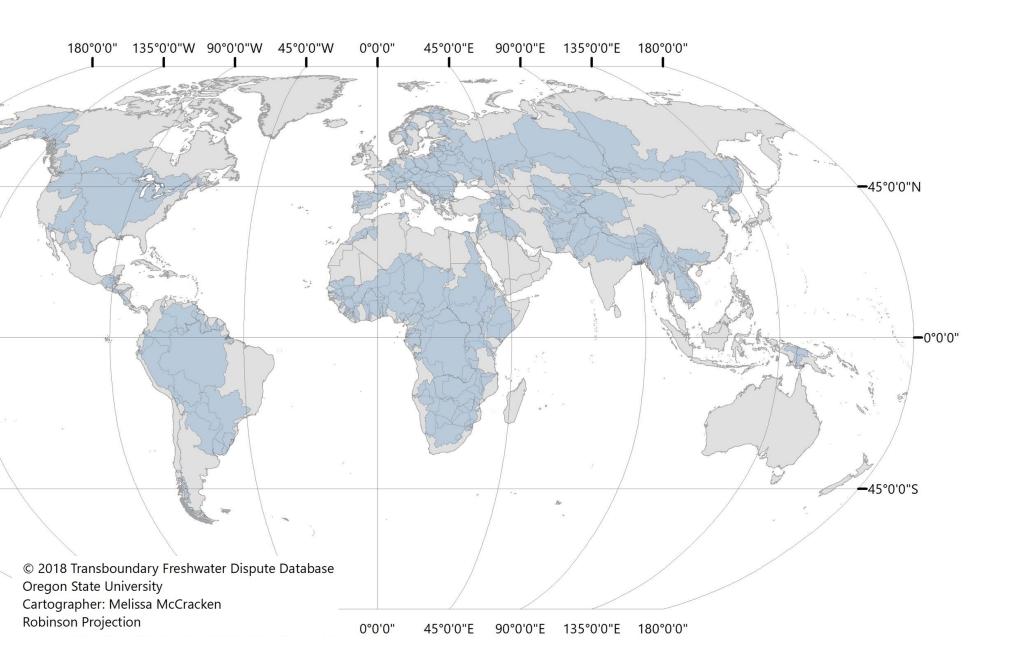
McCracken & Wolf 2019

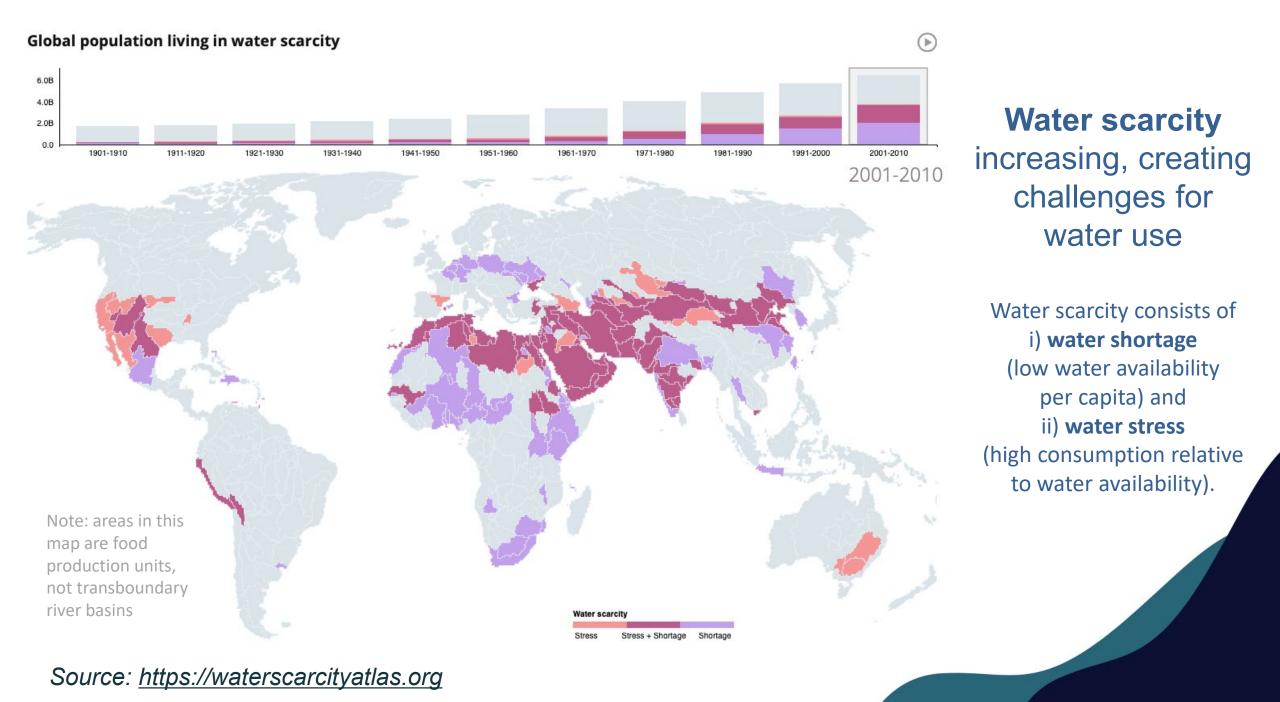
GROUNDWATER

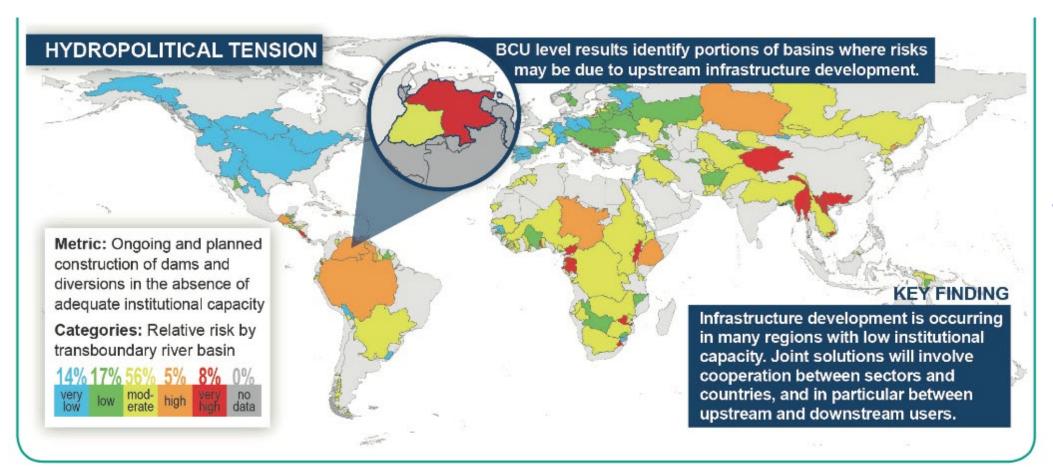
Most large aquifers are transboundary: not as visible, but getting increasing emphasis



International River Basins of the World





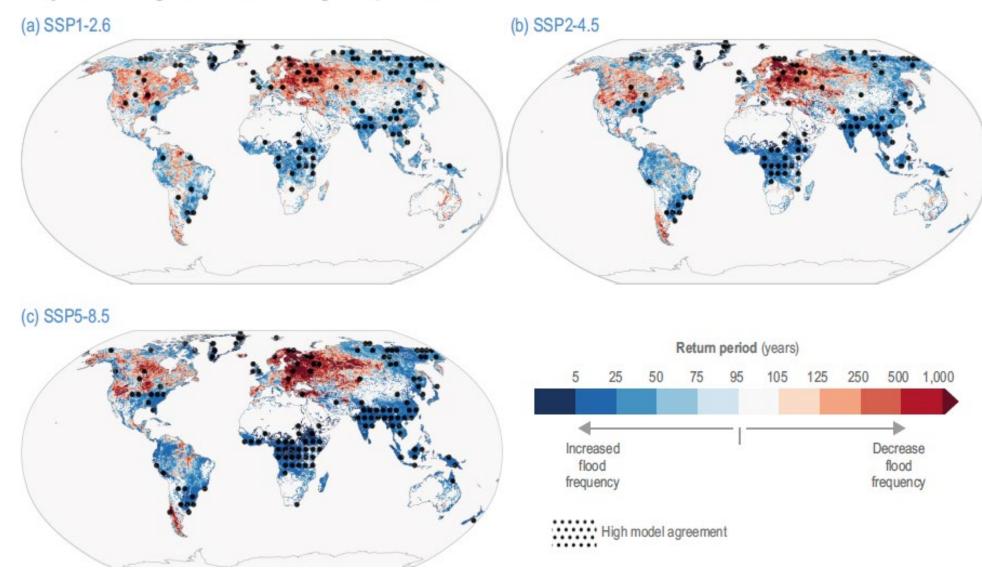


Infrastructure development (e.g. hydropower dams)

→ Important for development, yet can cause negative impacts and tensions

Source: Transboundary Waters Assessment
Programme GEF TWAP (http://www.geftwap.org)

Projected changes in river flooding Changes in 2071–2100 relative to 1970–2000



increases uncertainty and waterrelated risks

→ Extreme
weather events
such as floods
and droughts

