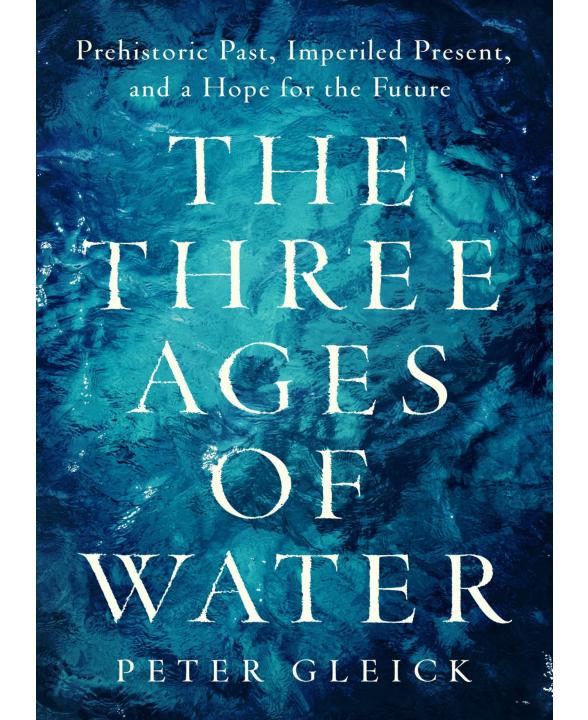
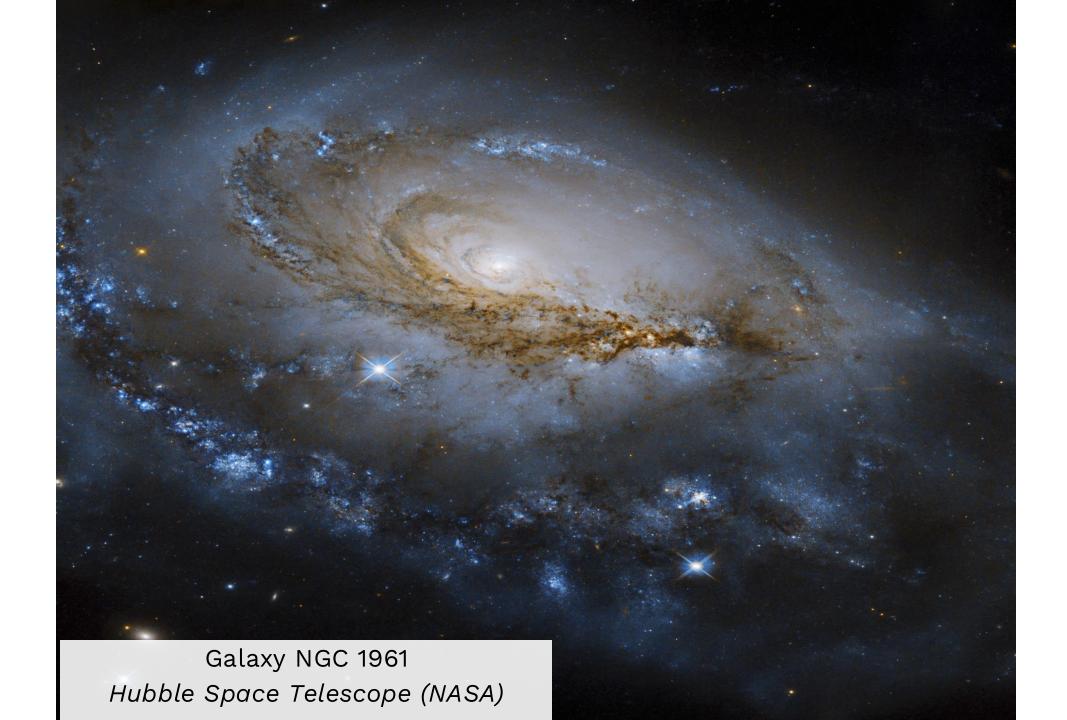
## The Three Ages of Water

Prehistoric Past, Imperiled Present, and A Hope for the Future

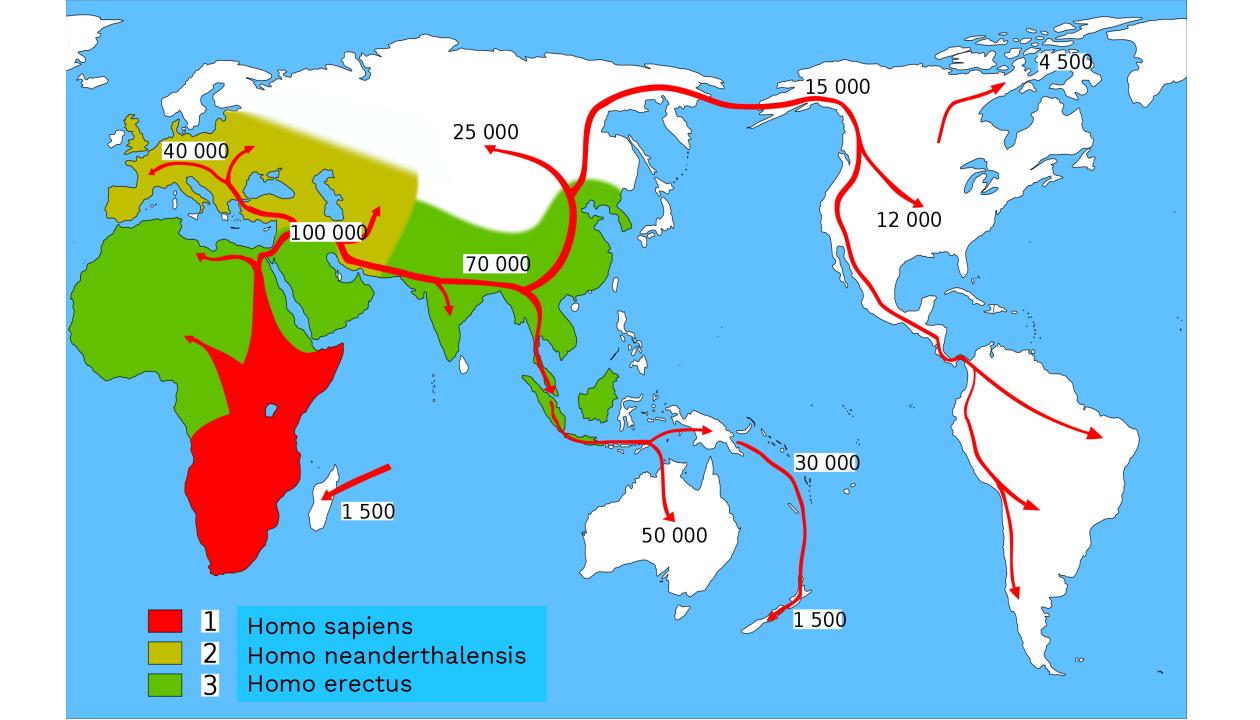
Dr. Peter Gleick

WRRC Water Webinar
University of Arizona
March 2025



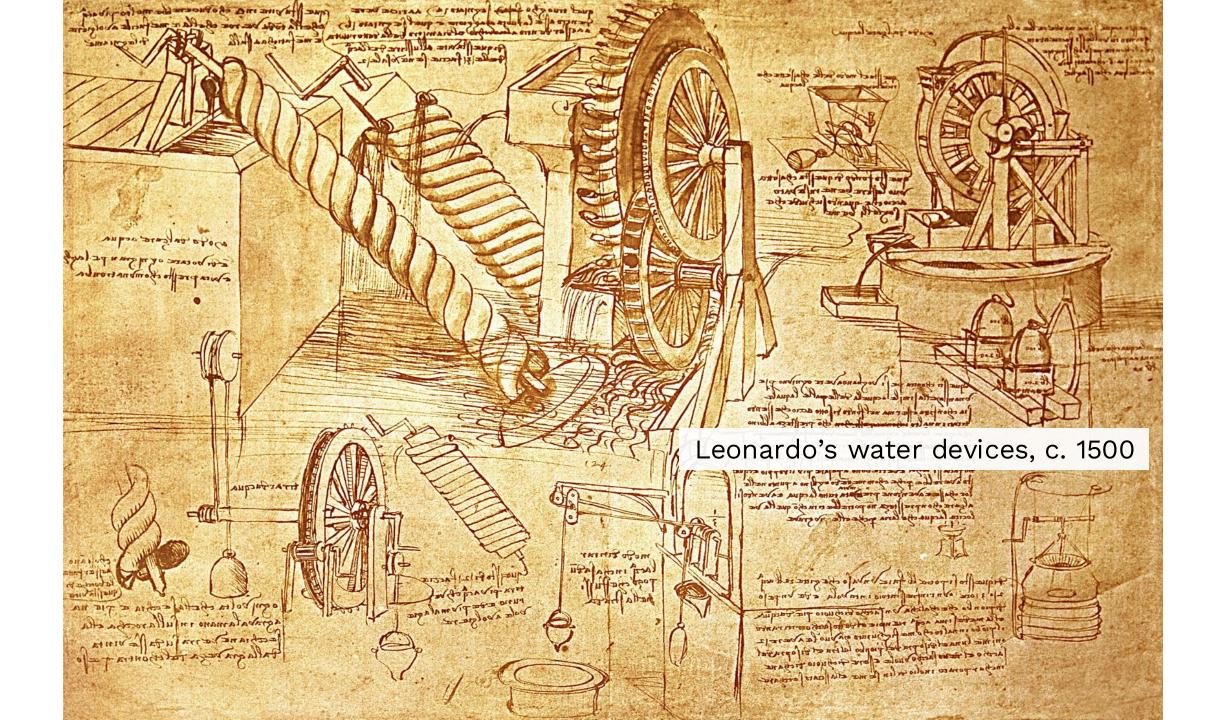
























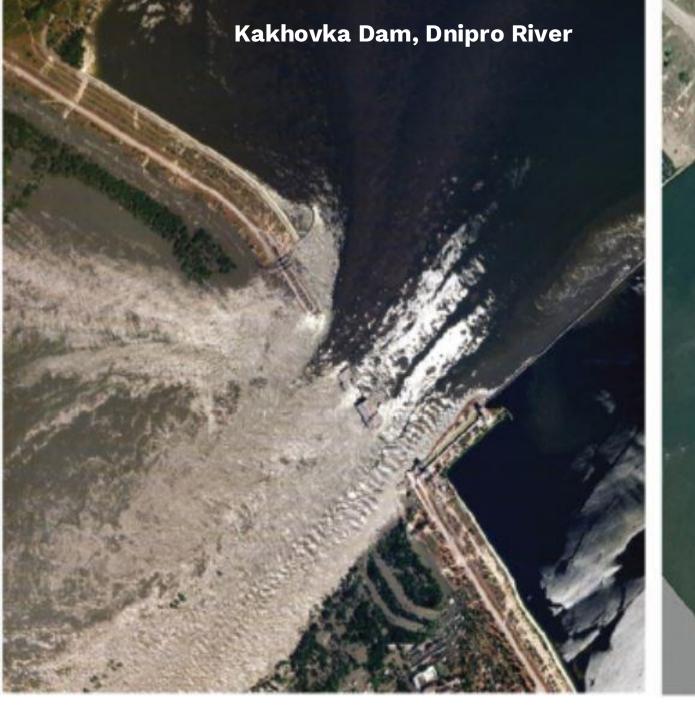


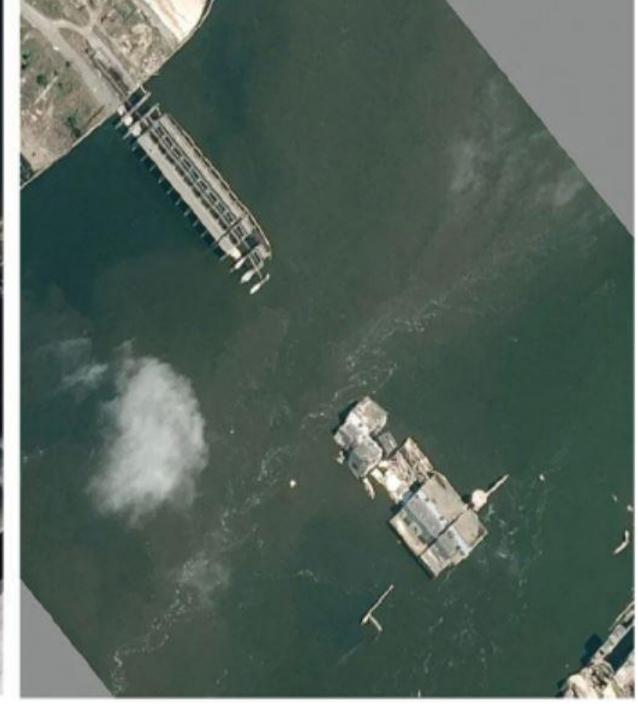






### Trends in Water Conflicts by Type, 2000-2023 400 350 ■ Weapon 300 Casualty Trigger **Events per Year** 250 200 Source: Pacific Institute, 2024, Water Conflict Chronology database. 150 100 50













# It is time for 21st Century "Soft Path" Water Solutions

#### The Hard Path

- Build for water supply
- Satisfy projected demand
- Water is only an economic good
- Centralized water treatment; one water quality (potable) only
- No thought to ecosystem water needs or health
- Centralized management;
   limited public participation

#### The Soft Path

- Rethink "supply"
- Rethink "demand"
- Water is an economic good and a human right
- Protect source water quality; match quality of supply to quality of need
- Protect ecosystem needs and health
- Community participation; flexible water institutions





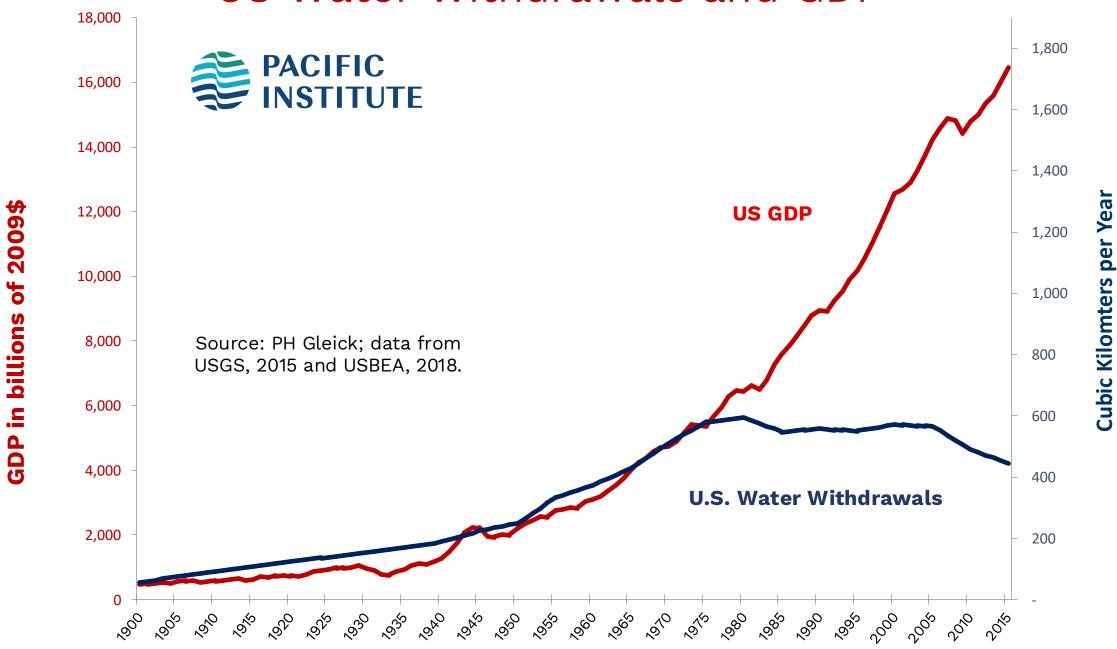








#### US Water Withdrawals and GDP













# The Three Ages of Water

Prehistoric Past, Imperiled Present, and A Hope for the Future

Peter Gleick



