



Universiteit  
Leiden

## *H2OLAW Conference*

### *Law-science interfaces within the Law of the Sea and Fresh Water Law*

*26th and 27th September 2024*

*Leiden, The Netherlands*

*Draft Programme*

26<sup>th</sup> September (Day 1)

Kammerlingh Onnes Building (KOG) - Cleveringa Hall (room C1.31)

<b>Time</b>	<b>Programme</b>
08:30 - 09:00	<b>Arrival and registration</b>
09:00 - 09:15	<b>Opening</b> <b>Welcome</b> Daniëlla Dam-de Jong, Director of the Grotius Centre for International Legal Studies, Leiden University  <b>Introduction to the Conference</b> Hilde Woker & Jason Rudall, Leiden University
09:15 - 10:15	<b>Keynote address</b> President Tomas Heidar, International Tribunal for the Law of the Sea
10:15 - 10:45	<b>Coffee break and Group photo</b>
10:45 - 12:00	<b>Session 1: The Law and Science Nexus in Advancing Marine and Fresh Water Management</b>  <b>Chair: Jason Rudall</b>  <b>Science within the Framework of the UN Convention on the Law of the Sea: Identifying the Provenance of Scientific Authority</b> Eduardo Cavalcanti de Mello, National University of Singapore



	<p><b>The Role of Science in International Water Law</b> Leon Warren, Council of Europe</p> <p><b>Clashing Titans: International Law, Science, and Freshwater Unpredictability</b> Zaki S. Shubber, Queen Mary University of London</p>
12:00 - 13:00	<p><b>Lunch</b></p>
13:00 - 14:15	<p><b>Session 2: Law-Science Interfaces in Policymaking, Implementation, and Accountability</b></p> <p><b>Chair: Hilde Woker</b></p> <p><b>The Role of Science in the Implementation of the European Union's Marine Strategy Framework Directive</b> Clara Egler, University of Hamburg</p> <p><b>Taming the Tide: Legal Implications of the Northern European Enclosure Dam (NEED)</b> Bastiaan E. Klerk, Arctic University of Norway &amp; Davinio Dwarkasing, Thomas Miller</p> <p><b>The Interplay between Scientific Expert Groups and International Law Relevant to the Protection of the Marine Environment</b> Yulu Liu &amp; Daniel Nicholas Pakpahan, NUS Centre for International Law</p>
14:15 - 15:30	<p><b>Session 3: The Relationship between Law and Science in Delimitation, Categorization, and Access to Resources</b></p> <p><b>Chair: Lan Nguyen</b></p> <p><b>Comparative Legal Study on Freshwater Regulation in Chile, Colombia, and Ecuador: Towards a Territorial and Ecosystem-Centric Approach</b> Camilo Arango Duque, EAFIT University</p> <p><b>A New Constraint to the Entitlement of a Continental Shelf Beyond 200 NM? – Implications of the Recent Case Law</b> Leonardo Bernard, University of Wollongong &amp; Hilde Woker, Leiden University</p> <p><b>Law-Science Interactions in the Categorization of Marine Species in the Law of the Sea</b> Valentin Schatz, Leuphana University of Lüneburg</p>



15:30 - 15:45	Coffee Break
15:45- 17:15	<p><b>Session 4: Law and Science in Fresh Water Governance: The Possibilities and Pitfalls</b></p> <p><b>Chair: Mara Tignino</b></p> <p><b>Fresh Water Law and IWRM in Multilevel Transboundary Water Governance: Legal Perspective</b> Jacob Baraza Abumba, University of Nairobi</p> <p><b>How Safe is Safe? On Emerging Standards Applicable in the Discharge of Water from the Fukushima Daiichi Nuclear Power Station</b> Miharu Hirano, Ritsumeikan Asia Pacific University</p> <p><b>Addressing Legal Gaps in Water Scarcity: Lessons from the Chilean Mega-drought Experience</b> Tatiana Celume Byrne, Universidad San Sebastián</p> <p><b>Transboundary Offshore Freshened Groundwater: Understanding Legal Regimes for a Shared Ocean Resource Management</b> Ángeles Jiménez García-Carriazo, University of Cádiz &amp; Suriya Narayanan Sundararajan, World Maritime University</p>
19:00	Conference Dinner (exclusively for speakers)

27<sup>th</sup> September (Day 2)

Kammerlingh Onnes Building (KOG) -Grotius Hall (room A0.51)

Time	Programme
8:45 - 9:00	Arrival
9:00 - 10:30	<p><b>Session 5: Marine Biodiversity and Law-Science Interfaces</b></p> <p><b>Chair: Valentin Schatz</b></p> <p><b>The Law-Science Interface in the Conservation and Sustainable Use of Marine Biodiversity: The Case for Using Adaptive Governance in Concert with Adaptive Management to Support the Implementation of the BBNJ</b> Kristine Elfrida Dalaker, University of Wollongong</p>



	<p><b>The Role of International Environmental and Freshwater Principles in Addressing the Marine Ecosystem Crisis under RFMOs and the BBNJ Agreement: Perspectives from Aotearoa and the Pacific</b> Ruby Moynihan Magsig, New Zealand Government's Department of Conservation &amp; Victoria University of Wellington (online)</p> <p><b>Fisheries Management in the EEZ: Are Coastal States Beyond Reproach?</b> Pallavi Arora, Indian Institute of Foreign Trade</p> <p><b>Sailing the High Seas: Navigating the Dynamics of Interaction in Fisheries Management</b> Christina Fernandez, Tilburg University</p>
10:30 - 10:45	<b>Coffee Break</b>
10:45 - 12:00	<p><b>Session 6: Science and Judicial Proceedings</b></p> <p><b>Chair: Cecily Rose</b></p> <p><b>Microplastics Litigation: Law-Science Interfaces in Context of Marine Plastics Pollution</b> Stephanie Nitsch, University of Vienna</p> <p><b>Damages in Inter-State IUU Fishing Claims</b> Nicholas Renzler &amp; Isabella Uría, Foley Hoag LLP</p> <p><b>Science, Equity, and the Human Being in Fresh Water Disputes</b> Jason Rudall, Leiden University</p>
12:00 - 13:00	<b>Lunch</b>



13:00 - 14:30	<p><b>Session 7: Law, Science and Sustainability Initiatives</b></p> <p><b>Chair: Niels Blokker</b></p> <p><b>Scientific and Technical Criteria, Standards, and Guidance: A Law-making Tool to the Interface of Law and Science for The Protection of the Marine Environment</b> Youna LBL Lyons, National University of Singapore</p> <p><b>Harvesting the Tide: The Law of the Sea and Food Science Frontiers in Sustainable Seaweed Utilization</b> Ramat Tobi Abudu, Maynooth University &amp; Halimah Mohammed, Cybercolloids Ltd</p> <p><b>Rights and Relationships to the Deep Seabed at the International Seabed Authority: The Sociocultural Impacts of Deep Seabed Mining</b> Josephine Gillingwater, 11KBW</p> <p><b>An Uncharted Interface Between Law and Science: Interpreting Obligations Between Scientific and Deep Seabed Mining Communities in the Area</b> Thaissa Meira, University of Basel</p>
14:30– 15:45	<p><b>Session 8: Climate Resilience in Water and Ocean Governance: Entry Points for Science</b></p> <p><b>Chair: Sophie Starrenburg</b></p> <p><b>The Essential Role of Science in Ocean-based Climate Action</b> Mitchell Lennan, University of Aberdeen</p> <p><b>Ocean Interventions for Climate Change Mitigation – Interactions of Science and Law in the Governance of Marine Geoengineering</b> Mara Wendebourg, Utrecht University</p> <p><b>Revitalizing and Regulating Fresh Water in the Mekong River Basin in Times of Climate Change</b> Tikumporn Rodkhunmuang, Mae Fah Luang University</p>
15:45 - 16:00	<p><b>Coffee Break</b></p>



16:00 - 17:30	<p><b>Session 9: Law of the Sea meets Fresh Water Law: Synergies and Best Practices in Law-Science Interfaces</b></p> <p><b>Chair: Brian McGarry</b></p> <p><b>A Balanced Management of Marine and Freshwater Activities: Synergies Between The ‘Due Regard’ Obligation and the Principle of Equitable and Reasonable Use</b> Carlos A. Cruz Carrillo, University of Basel</p> <p><b>A Comparative Analysis of Due Diligence Obligation under International Water Law and Law of the Sea for the Prevention of Marine Plastic Pollution</b> Chukwuebuka Edum, University of Bologna</p> <p><b>Deltas and Estuaries in Freshwater Law and the Law of the Sea</b> Mara Tignino, University of Geneva</p> <p><b>Collaborative governance of fresh and saltwater in the Yangtze Delta area in China: A law-science interfacing perspective</b> Jianping Guo, Xi’an Jiaotong University</p>
17:30-17:45	<p><b>Closing of the Conference</b></p>
18:00	<p><b>Boat tour in Leiden (exclusively for speakers)</b></p>



### Useful Information

- **Conference Location:** The conference will take place at Leiden Law School, the Kammerlingh Onnes Building (KOG). On Thursday 26 September, sessions will be held in Cleveringa Hall (room C1.31) on the first floor, and on Friday 25 September in Grotius Hall (room A0.51) on the ground floor.
  
- **Hotel Recommendations in Leiden**
  - [B&B Hart van Leiden](#)
  - [Boutique Hotel d'Oude Morsch](#)
  - [Boutique Hotel Huys van Leyden](#)
  - [Breathe Hotel Leiden](#)
  - [City Hotel Rembrandt](#)
  - [CTY Books](#)
  - [ExLibris Boutique Hotel](#)
  - [Fletcher Wellness-Hotel Leiden](#)
  - [Golden Tulip Leiden Centre](#)
  - [Hotel Steenhof Suites](#)
  - [Hotel VIC](#)
  - [Ibis Leiden Centre](#)

The Hague is approx. 15 minutes away by train and many other hotel options are available there.

- **Travel**

Leiden is easy to reach by public transport. Amsterdam Schiphol Airport is the largest Dutch airport offering transport links to Leiden and the rest of the Netherlands. Alternatively, The Hague/Rotterdam Airport offers low-cost flights within Europe. Leiden is also reachable by (international) train. Leiden Centraal Station is approximately 25 minutes by train from Schiphol Airport, 35 minutes from Amsterdam Central Station, 45 minutes from Utrecht Central Station, and 30 minutes from Rotterdam Central Station. From Leiden Centraal train station to the city center, it is possible to walk (approx. 15 mins), take a bus or taxi.