



Universiteit  
Leiden

## **H2OLAW Conference**

### **Law-Science Interfaces within the Law of the Sea and Fresh Water Law**

26<sup>th</sup> and 27<sup>th</sup> September 2024  
Leiden, The Netherlands

*Programme*

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

**Kamerlingh 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 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, NUS Centre for International Law  <b>The Role of Science in International Water Law</b> Leon Warren, Council of Europe



	<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, UiT – The Arctic University of Norway &amp; Davinio Dwarkasing</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 &amp; Nataly Montoya, 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> Hilde Woker, Leiden University &amp; Leonardo Bernard, University of Wollongong</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	<p><b>Coffee Break</b></p>



15:45- 17:15	<p><b>Session 4: Law and Science in Fresh Water Governance: The Possibilities and Pitfalls</b></p> <p><b>Chair: Kristine Dalaker</b></p> <p><b>Fresh Water Law and IWRM in Multilevel Transboundary Water Governance: A 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 Shared Ocean Resource Management</b> Ángeles Jiménez García-Carriazo, University of Cádiz &amp; Suriya Narayanan Sundararajan, World Maritime University</p>
19:00	<b>Conference Dinner</b> (exclusively for speakers)

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

**Kamerlingh Onnes Building (KOG) - Grotius Hall (Room A0.51)**

Time	Programme
8:45 - 9:00	<b>Arrival</b>
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 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>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 Agreement</b> Kristine Elfrida Dalaker, University of Wollongong</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	<p><b>Coffee Break</b></p>
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	<p><b>Lunch</b></p>
13:00 - 14:30	<p><b>Session 7: Law, Science and Sustainability Initiatives</b></p> <p><b>Chair: Niels Blokker</b></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 Baruwa, 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>Deltas and Estuaries in Fresh Water Law and the Law of the Sea</b> Mara Tignino, University of Geneva (online)</p> <p><b>A Balanced Management of Marine and Fresh Water 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 the 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>Collaborative Governance of Fresh and Salt Water in the Yangtze Delta Area in China: A Law-Science Interfacing Perspective</b> Jianping Guo &amp; Zhiren Liu, 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</b> (exclusively for speakers)</p>