

Gabriel E. Eckstein

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CURRENT POSITIONS

International Water Resources Association XVIth World Water Congress

Chair, International Scientific Committee and Bureau

10/15–Present

Member, Congress Steering Committee

Lead International Scientific Committee and its Bureau to oversee development of theme, substantive content, and programmatic organization of XVIth World Water Congress planned for May 29-June 2, 2017 in Cancun, Mexico

Texas A&M University, Fort Worth, TX

Professor of Law, School of Law

8/13–Present

Director, TAMU Law Program in Natural Resources Systems

1/17–Present

Associated Professor, the Bush School of Government and Public Service, Public Service and Administration Department

9/16-present

Research Fellow, Institute for Science, Technology and Public Policy, The Bush School of Government and Public Service

9/16-present

Graduate Faculty Member, Texas A&M Water Management & Hydrological Science

9/14-present

Affiliated Faculty, Texas A&M Energy Institute

9/14-present

Teach courses/seminars on Water Law, Oil & Gas Law, International Environmental Law, Public International Law, Law & Science, Property Law and an interdisciplinary International Water Law and Policy seminar taught via video conferencing technology to students on three campuses

Help develop the law school's innovative Program in Natural Resources Systems, including its program strategy and vision, curriculum, and activities, and serve as the Program's inaugural director; develop research projects, supervise student research activities, organize conferences, and host guest speakers

Actively serve on law school committees and in advisory roles: Faculty Appointments (2015-2017, Chair 2016-17), Peer-Review/Post-Tenure Review (2013-2016), Tenure and Promotion (2013-present), Faculty Development (2013-2014), Technology (2013-2014), Student Publications (2013-2015), Honor Council (2015-2016, faculty advisor to the Journal of Property Law (2013-2014)

CURRENT POSITIONS (cont.)

Engage with colleagues, students, and units in College Station and TAMU Galveston to build bridges among the campus and disciplines, participate in collaborative research projects and symposia, and encourage interdisciplinarity among students and colleagues; Serve on Master and PhD degree supervisory committees for students in the Bush School of Government and Public Service and the Water Management & Hydrological Science program; Collaborate with various Texas A&M University units on grant-funded and unfunded interdisciplinary research projects, conferences and symposia, and other endeavors

International H₂O Solutions, LLC
Principal and Owner

7/11–Present

Provide consulting services on a variety of legal and policy issues related to U.S. and international water and environmental law and policy

International Water Law Project (www.InternationalWaterLaw.org)

8/99 – Present

Director

Developed, and now manage non-profit informational website created to provide public access to pertinent and timely resources on international water law and policy and related topics, and that facilitates and encourage exchange of information and cooperation over the world's fresh water resources

PRIOR POSITIONS

Sullivan & Worcester, LLP
Of Counsel

10/11–12/16

Advised law firm and clients on legal issues related to water management and allocation issues

Texas Wesleyan University School of Law, Fort Worth, TX
Professor of Law

8/10–8/13

Regularly taught courses and seminars on Water Law, Oil & Gas Law, International Environmental Law, Law & Science, and Property Law

Helped develop law school's curriculum, program, and activities related to water, natural resources and environmental law, including formulating program development strategy, developing research projects, supervising student research activities, organizing conferences, and hosting guest speakers

Actively serve on law school and university committees and in advisory roles: TXWES/TAMU Transition Committee (Alternate 2012-2013), Tenure and Promotion (2010-2013), Faculty Development (2010-2013), Curriculum (2011-2012), Centers and Certificates (2010-2012), Technology (2011-2013), Faculty Travel Policy (Chair 2012), faculty advisor to the Journal of Real Property Law (2011-2013); TXWES University Planning ((2011-2012)

PRIOR POSITIONS (cont.)

Texas Tech University School of Law, Lubbock, TX

Senior Fellow, Center for Water Law & Policy 8/10–12/11

Principal Investigator on Center's \$433,000 USEPA grant; advisor to Center and law school staff on Center-related activities

Professor of Law and George W. McCleskey Chair in Water Law 8/06–8/10

Associate Professor of Law 7/03–7/06

Taught courses/seminars on Property Law, U.S. and International Water Law, International Environmental Law, Water Pollution Law, and Law & Science and coached law school's Jessup International Law Moot Court Team

Chaired law school Honor Council and Library Committee, and actively served on the following committees: Honor Council, Admissions, Curriculum Review, Personnel, and Website Development; Represented law school on University-level committees: University Research Council, Water Leadership Council, and Land Use Planning, Management and Design Graduate Program Steering Committee

Director, Texas Tech Center for Water Law & Policy 10/05–8/10

Spearheaded creation of first interdisciplinary water law and policy research and teaching center in the United States based at a law school; secured more than \$500,000 from public and private sources; conducted and supervised interdisciplinary research with other university units

Lewis & Clark Law School, Portland, OR 1/09-5/09

Visiting Professor

Taught Water Law course and International Water Law seminar (the latter to students at both Lewis & Clark and Texas Tech via teleconference)

University of Oregon School of Law, Eugene, OR 8/08-12/08

Visiting Professor

Taught Civil Procedure course and Law and Science seminar

Florida International University College of Law, Miami, FL 6/06–8/06

Visiting Professor

Taught Environmental Law course

Nova Southeastern University Shepard Broad Law Center, Ft. Lauderdale, FL 5/06–6/06

Visiting Professor

Taught Environmental Law course

CropLife America (agro-chemicals industry association) – Washington, DC 6/00–6/03

Senior Counsel, In-House

Advised on environmental law related to agricultural chemicals and biotechnology, food safety, air and water pollution and endangered species, as well as corporate, antitrust, and trade association operational matters

PRIOR POSITIONS (cont.)

American University Washington College of Law, Washington, DC 1/98–12/98 & 8/01–5/03

Lecturer

Taught seminars on the American Legal Process and Legal Research on the Internet to foreign LL.M. students with civil law background

Sutter & Enslein – Charleston, WV 1/99– 6/00

Associate Attorney

Represented clients in multi-million dollar toxic tort and asbestos litigation involving damage from flooding, logging, and coal mining, and in employment, medical malpractice, personal injury, and product liability lawsuits

Office of Special Programs & Advanced Legal Studies, American University Washington College of Law, Washington, DC 8/95–12/98

Director

Created and managed office responsible for continuing legal education seminars, executive training workshops, and academic legal conferences

CONSULTING/ADVISORY PROJECTS

Daniel Coker Horton & Bell, P.A. and The State of Mississippi

January 2016 – Present

Transboundary Waters Policy Advisor

Advising law firm and The State of Mississippi on the their law suit lodged in the U.S. Supreme Court against the State of Tennessee and the City of Memphis over the management of transboundary ground water resources

The World Bank

May–October 2016

Project Manager and Water Law/Policy Expert

Lead team to organize study tour in the United States for ministers of water and their advisors from select Nile Basin countries focusing on law, policy, management, and institutions

UNESCO-IHP

December 2015 – April 2016

International Water Law Expert

Served on team designing a *Training Manual for International Water Law and Diplomacy: From the Transboundary to the Domestic Perspective*

MWH Global

December 2014 – August 2016

International Water Law Advisor

Advised on international water law and the Indus Waters Treaty as they pertain to the construction of the Diamer Bhasha Dam Project

CONSULTING/ADVISORY PROJECTS (cont.)

- UNESCO-IHP** July 2015
International Water Law Expert
 Served on team that designed and led the *Workshop on Legal and Institutional Aspects of Water Governance: From the International to the Domestic Perspective* held in Tashkent, Uzbekistan
- UN Development Programme** December 2014–January 2015
Legal/Policy Specialist (international)
 Advised on international legal standards for integrated water resources management and related legal/policy issue for the project “Integrating Climate Change Risks into Water and Flood Management by Vulnerable Mountainous Communities in the Greater Caucasus Region” in Baku, Azerbaijan
- Intergovernmental Authority on Development (IGAD-INWRMP)** June 2014
Water Law & Policy Expert
 Served on team that designed and led workshop on *International Water Law, Negotiation and Conflict Resolution* in Kampala, Uganda
- UNESCO and AMCOW** April–June 2013
Legal Expert and Project Coordinator
 Lead team of experts organized by UNESCO to draft statutes for a new ground water commission under the auspices of the African Ministers’ Council on Water (AMCOW)
- Environmental Law Institute** January 2013
Legal Expert
 Invited as expert for Water Law and Training Study Tour organized for Jordanian delegation overhauling domestic water law and management regime; discussed: 1) Groundwater Law and Policy, and 2) Shared Waters: Inter-jurisdictional and International Issues, organized by USAID/Jordan Institutional Support and Strengthening Program and the Environmental Law Institute, January 11, 2013
- International Water Resources Association and International Association for Water Law** December 2012
Official Representative
 Represented both associations at the Regional Consultation on Groundwater Governance devoted to the Asia and Pacific region, organized by the UNESCO Beijing Office, in Shijiazhuang, China
- Global Transboundary International Waters Initiative** 2008-2011
Advisory Committee Member and Expert on International Groundwater Law and Policy
 Provided advice on global research effort designed to identify best practices in managing transboundary waters (\$2 million project funded by Global Environment Facility)

CONSULTING/ADVISORY PROJECTS (cont.)

- UN Environmental Programme** 2009-2010
Editor and Advisor
 Managed team to develop Greening Water Law Project publication addressing the growing integration of environmental considerations within national legislation and international agreements on water resources
- International Resources Group and Oregon State University** 2008-2010
Legal Advisor
 Regional Water Governance Benchmarking in the Middle East North Africa Region project, whose goal is to provide a strategic framework and yardstick to guide and monitor national progress on water governance in the MENA region (funded by the US Agency for International Development)
- UNESCO** May 2009
Official Representative
 Represented UNESCO at the UNEP Conference *Strengthening Transboundary Freshwater Governance – The Environmental Sustainability Challenge*, Bangkok, Thailand
- Geneva Initiative and Quaker Peace and Justice Center** August 2008
Neutral Legal Advisor
 Assisted in mediating in and provided legal expertise for Track II negotiations between Israelis and Palestinians on transboundary water issues
- UN International Law Commission and UN Educational, Scientific and Cultural Organization** 2003-2008
Legal Advisor
 Advised on international water law issues in the development of a new international convention governing transboundary ground water resources
- Texas Ground Water Conservation Districts** 2006, 2007
Legal Expert
 Advised two districts on legislative matters related to the formation, operation, and authority of such Districts under Texas state law
- UNESCO/OAS International Shared Aquifer Resources Management of the Americas** 2004-2007
Legal Expert
 Advised on international water law related to transboundary ground water resources in the American hemisphere
- Organization of American States** June 2002
Legal Expert and Project Manager
 Planned, organized, and hosted week-long study tour on waste and water management for professionals from St. Kitts and St. Vincent and the Grenadines

CONSULTING/ADVISORY PROJECTS (cont.)

World Commission on Dams (organized by The World Bank and International Union for the Conservation of Nature) 1999-2000
Legal Expert/Contributor:

Assisted supervising team of experts analyzing industry standards and international/domestic laws applicable to large hydro-projects; edited reports interpreting team findings; prepared report addressing international environmental law and international water law related to large hydro-projects

U.S. Agency for International Development, Office of Environment and Urban Programs 1994-1995
Legal Expert

Assessed compliance with federal and internal environmental standards and procedures for USAID housing loan guarantee program and developed recommendations for monitoring institutional compliance

FUNDED RESEARCH PROJECTS

***Toward a Texas-Mexico Transboundary Groundwater Management and Governance Pilot Project* 2016-2017**

Co-Principal Investigator: Worked with interdisciplinary team of faculty and students from the Texas A&M School of Law and Bush School of Government to develop a pilot project to investigate transboundary ground water governance on the Texas-Mexico border (\$50,000 grant provided jointly by Texas A&M School of Law and Bush School of Government)

***Assessment of State Groundwater Laws and Regulations Across the U.S.* 2016-2017**

Principal Investigator: Lead team consisting of another professor and six students to develop a comprehensive assessment of groundwater laws and regulations across the U.S. The project goal is to lay a foundation for subsequent analyses, and to leverage additional funding opportunities for projects that can build on the compilation (\$10,000 PESCA Grant provided by Texas A&M University)

***Managing Pharmaceuticals and Personal Care Products in Fresh Water Resources* 2006-2011**

Principal Investigator: Served as principal investigator for interdisciplinary team under umbrella of Texas Tech Center for Water Law & Policy looking at the scientific, legal, and policy aspects of micropollutants, pharmaceuticals, and personal care products in municipal drinking water supply (\$433,000 grant provided by the US Environmental Protection Agency)

EDUCATION

Master of Laws (LL.M.), International Environmental Law American University Washington College of Law, Washington, DC	8/1997
Juris Doctor American University Washington College of Law, Washington, DC Senior Editor, American University International Law Review Founding Editor-in-Chief, The Human Rights Brief	5/1995
Master of Science, International Affairs Florida State University, Tallahassee, FL	8/1992
Dual Bachelor of Arts, International Relations and Geology Kent State University, Kent, OH	12/1989

HONORS AND AWARDS

Vermont Law School Distinguished International Environmental Law Scholar	Summer 2016
Awarded “Best Paper” for 2011 in <i>Water International</i> by International Water Resources Association for the paper “Managing Buried Treasure Across Frontiers: The International Law of Transboundary Aquifers,” <i>Water International</i> , Vol. 36(5), pp. 573-583 (2011)	2012
Texas Wesleyan University Board of Trustees Faculty Scholarship Award	2012
Texas Wesleyan University School of Law Frederic White Faculty Scholarship Award	2011
Inducted into the Texas Tech University Teaching Academy	2008
Texas Tech University President’s Excellence in Teaching Award	2008
Texas Tech University Alumni Association New Faculty Award	2004
Research Scholar with Scholarship, The Hague Academy for International Law Centre for Research and Study, The Netherlands	2001

MEMBERSHIPS, AFFILIATION, AND PROFESSIONAL VOLUNTEER ACTIVITIES

Co-Director, Commission on Governance of Transboundary Aquifers International Association of Hydrogeologists	2015-Present
Associate Editor of the peer-reviewed journal <i>Brill Research Perspectives: International Water Law</i>	2014-Present
Editorial Board of the peer-reviewed <i>Journal of Water Law</i>	2014-Present
Executive Council Member, International Association for Water Law (http://www.aida-waterlaw.org/)	2011-Present
Editor, <i>International Water Law Project Blog</i> (http://www.InternationalWaterLaw.org/blog)	2009-Present

MEMBERSHIPS, AFFILIATION, AND PROFESSIONAL VOLUNTEER ACTIVITIES (cont.)

Advisory Board, The Center for Water Security and Cooperation	2016-2017
Treasurer, International Water Resources Association (http://www.iwra.org/)	2010-2015
Advisory Board, Surrey Centre on Transboundary Aquifers Governance, University of Surrey, United Kingdom	2010-2012
Advisory Board, Water Policy Institute (www.waterpolicyinstitute.com)	2008-2012
Advisory Board, International Center for Arid and Semi Arid Land Studies, Texas Tech University (http://www.iaff.ttu.edu/home/icasals/index.asp)	2006-2010
Conference Scientific Committee Activities	
Member, International Scientific Committee, XV th World Water Congress, International Water Resources Association, Edinburg, Scotland, 25–29 May 2015	
Member, Scientific Advisory Committee, International Conference on Transboundary Aquifers: Challenges and New Directions, UNESCO-IHP, 6–8 December 2010, Paris, France	
Active Member of: International Water Resources Association, International Association for Water Law, American Bar Association, Section of Environment, Energy & Resources; American Society of International Law, Section on International Environmental Law; International Association of Hydrogeologists; International Union for the Conservation of Nature, Commission on Environmental Law	
Licensed to practice law in New York, District of Columbia (inactive), and West Virginia (inactive)	

PUBLICATIONS

Books, Book Chapters, & Monographs

The International Law of Transboundary Groundwater Resources (Routledge, *forthcoming 2017*)

“The Role of Creative Language in Addressing Political Asymmetries: The Israeli-Arab Water Agreements,” *in* *Managing Water in the 21st Century: Challenges and Opportunities – Proceedings of the 8th Rosenberg International Forum on Water Policy*, pp. 69-94 (A. Garrido and A. Rabi, Eds. Rosenberg International Forum on Water Policy, 2017) (co-authored with Dr. Itay Fischhendler, Hebrew University of Jerusalem, and Dr. Aaron Wolf, Oregon State University), *available at* <http://ciwr.ucanr.edu/files/256838.pdf>

“International law and transboundary aquifers”, *in* *Handbook on Water Law and Policy* (Rieu-Clarke, et.al., Eds. 2017)

“Cooperative Transboundary Mechanism,” *in* *Transboundary Water Governance: Adaptation to Climate Change*, pp. 51-79 (J. Roberts and J.C. Sánchez, Eds., International Union for the Conservation of Nature, 2014) (co-authored with Alena Drieschova, University of Toronto), *available at* <https://portals.iucn.org/library/node/44675>

“The Role of Creative Language in Addressing Political Realities: Middle-Eastern Water Agreements,” *in* *Shared Borders, Shared Waters: Israeli-Palestinian and Colorado River Basin Water Challenges* pp. 53–74 (S. Megdal, S. Eden, & R. Varady, Eds., CRC Press/Balkema Taylor & Francis Group in cooperation with UNESCO-IHE, Delft, 2012) (co-authored with Dr. Itay Fischhendler, Hebrew University of Jerusalem, and Dr. Aaron Wolf, Oregon State University), *available at* <http://www.crcpress.com/product/isbn/9780415662635>

“Scientific, Legal, and Ethical Foundations for Texas Water Law,” *in* *Texas Law of Water Resources*, pp.5–35 (co-authored with Amy Hardberger, Environmental Defense) (M. Sahs, ed., 2009; updated 2012 and 2015), *available at* <http://ssrn.com/abstract=1560007>

Alternative Strategies for Managing Pharmaceutical and Personal Care Products in Water Resources (Texas Tech Center for Water Law & Policy, 2011) (co-authored with Dr. George William Sherk, former Managing Director, Colorado Energy Research Institute, Colorado School of Mines), prepared under a grant from the U.S. Environmental protection Agency, *available at* <http://ssrn.com/abstract=1885091>

The Greening of Water Law (UN Environmental Programme, 2010) (co-authored with Stefano Burchi, Maaria Curlier, Richard Paisley, and Raya Stephan), *available at* <http://ssrn.com/abstract=1685646>

“Development of International Water Law and the UN Watercourse Convention,” *in* *Hydropolitics in the Developing World: A Southern African Perspective*, pp. 81-96 (Turton & Henwood, Eds.) (2002), *available at* <http://internationalwaterlaw.org/bibliography/articles/Eckstein-Chapter-6.pdf>

PUBLICATIONS (cont.)

Edited Volumes (guest editor)

Legal mechanisms for water resources in practice: Select papers from the XV World Water Congress, Water International, Vol. 41(6) (Co-Guest Editor, September 2016), available at <http://www.tandfonline.com/toc/rwin20/41/6>

Specially Invited Opinions and Research Report of the International Water Law Project: Global Perspectives on the Entry into Force of the UN Watercourses Convention 2014: Part Two. Water Policy, Vol. 17(1), (Guest Editor, 2015), available at [doi: 10.2166/wp.2014.009](https://doi.org/10.2166/wp.2014.009)

Specially Invited Opinions and Research Report of the International Water Law Project: Global Perspectives on the Entry into Force of the UN Watercourses Convention 2014: Part One. Water Policy, Vol. 16(6), (Guest Editor, 2014), available at [doi: 10.2166/wp.2014.008](https://doi.org/10.2166/wp.2014.008)

The Future of Adaptive Water Management: Law and Governance: Select Papers from the XIV IWRA World Water Congress, Water International, Vol. 37(6) (Co-Guest Editor, October 2012), available at <http://www.tandfonline.com/toc/rwin20/37/6>

Strengthening Cooperation on Transboundary Groundwater Resources, Water International, Vol. 36(5) (Guest Editor, September 2011), available at <http://www.tandfonline.com/toc/rwin20/36/5>

Proceedings of the Symposium—Precious, Worthless, or Incalculable: The Value and Ethic of Water, Vol. 2, Center for Water Law & Policy and International Center for Arid and Semi-Arid Land Studies, Texas Tech University (Co-Editor with A.C. Corrêa, 2006)

Articles in Refereed and Peer-Reviewed Journals and Volumes

“Aquifers Shared between Mexico and the U.S.: management perspectives and their transboundary nature”, *Ground Water* (forthcoming 2017) (co-authored with Dr. Rosario Sanchez, Texas Water Resources Institute)

“Identifying and Characterizing Transboundary Aquifers Along the Mexico-US Border: An initial assessment,” *Journal of Hydrology*, Vol. 535, pp. 101–119 (2016) (co-authored with Dr. Rosario Sanchez and Victoria Lopez, Water Management and Hydrological Sciences Program, Texas A&M University), [DOI: 10.1016/j.jhydrol.2016.01.070](https://doi.org/10.1016/j.jhydrol.2016.01.070)

“Minute 319: A Cooperative Approach to Mexico-U.S. Hydro-Relations on the Colorado River,” *Water International*, Vol. 39(3), pp. 263–276 (2014) (co-authored with Regina M. Buono), available at <http://ssrn.com/abstract=2429545> / DOI: 10.1080/02508060.2014.906879

“The Law of Transboundary Aquifers: Many ways of going forward, but only one way of standing still,” *Review of European, Comparative & International Environmental Law*, Vol. 23(1), pp. 32-42 (2014) (co-authored with Dr. Francesco Sindico, University of Strathclyde), available at <http://ssrn.com/abstract=2429569> / DOI: [10.1111/reel.12067](https://doi.org/10.1111/reel.12067)

PUBLICATIONS (cont.)

“The Silala/Siloli Watershed in Bolivia/Chile: Lessons From the Most Vulnerable Basin in South America,” *International Journal of Water Resources Development*, Vol. 27(3), pp. 595-606 (2011) (co-authored with Brendan Mulligan, University of Calgary), *available at* <http://ssrn.com/abstract=1924974> / DOI: [10.1080/07900627.2011.595363](https://doi.org/10.1080/07900627.2011.595363)

“Strengthening Cooperation on Transboundary Groundwater Resources,” *Water International*, Vol. 36(5), pp. 549-556 (2011) (co-authored with Alice Aureli, UNESCO-IHP) DOI: [10.1080/02508060.2011.615137](https://doi.org/10.1080/02508060.2011.615137)

“Managing Buried Treasure Across Frontiers: The International Law of Transboundary Aquifers,” *Water International*, Vol. 36(5), pp. 573-583 (2011), *available at* <http://ssrn.com/abstract=1924469> / DOI: [10.1080/02508060.2011.598642](https://doi.org/10.1080/02508060.2011.598642) (received Best Paper award in *Water International* for 2011 by the International Water Resources Association)

“Buried Treasure or Buried Hope?: The Status of Mexico-U.S. Transboundary Aquifers and International Law,” *International Community Law Review*, Vol. 13(3), pp. 273-290 (2011), *available at* <http://ssrn.com/abstract=1908304>

“State Practice in the Management and Allocation of Transboundary Ground Water Resources in North America,” *Yearbook of International Environmental Law 2007*, Vol. 13(3), pp. 96-125 (2008) (co-authored with Amy Hardberger, Environmental Defense), *available at* <http://ssrn.com/abstract=1330690>

“Transboundary Aquifers: Conceptual Models for Development of International Law” *Ground Water*, Vol. 43, 679-690 (2005) (co-authored with Prof. Yoram Eckstein, Kent State University), *available at* <http://ssrn.com/abstract=900244> / DOI: [10.1111/j.1745-6584.2005.00098.x](https://doi.org/10.1111/j.1745-6584.2005.00098.x)

“Ground Water Resources and International Law in the Middle East Process,” *Water International*, Vol. 28, pp. 154-161 (June 2003) (co-authored with Prof. Yoram Eckstein, Kent State University), *available at* <http://ssrn.com/abstract=758637> / DOI: [10.1080/02508060308691680](https://doi.org/10.1080/02508060308691680)

“International Water Law, Transboundary Groundwater Resources and the Danube Dam Case,” *in* *Gambling With Groundwater: Physical, Chemical, and Biological Aspects of Aquifer-Stream Relationship* 243-248 (Van Brahana, et. al., eds. 1998) (co-authored with Prof. Yoram Eckstein, Kent State University), *available at* <http://ssrn.com/abstract=772072>

“Of Solemn Oaths and Obligations: The Environmental Impact of the ICJ’s Decision in the Case of the Gabčíkovo-Nagymaros Project,” *Yearbook of Int’l Env’tl Law* 1997, Vol. 8, pp. 41-50 (1997) (co-authored with Stephen Stec, formerly with the Regional Environmental Centre for Central and Eastern Europe), *available at* <http://internationalwaterlaw.org/bibliography/articles/Yearbook.PDF>

PUBLICATIONS (cont.)

Articles in Law Reviews and Journals

“Drugs on Tap: Managing Pharmaceuticals in Our Nation’s Waters,” *New York University Environmental Law Journal*, Vol. 23, pp. 36-90 (2015), available at <http://ssrn.com/abstract=2628047>

“Endangered Species in the Oil Patch: Challenges and Opportunities for the Oil and Gas Industry,” *Texas A&M Law Review*, Vol. 1, pp. 379–409 (2013) (co-authored with Jesse Snyder, Akin Gump Strauss Hauer & Feld), available at <http://ssrn.com/abstract=2390978>

“Rethinking Transboundary Ground Water Resources Management: A Local Approach along the Mexico-U.S. Border,” *Georgetown International Environmental Law Review*, Vol. 25(1), pp. 95–128 (2012), available at <http://ssrn.com/abstract=2254081>

“Alternative Strategies for Addressing the Presence and Effects of Pharmaceutical and Personal Care Products in Fresh Water Resources,” *Denver Water Law Review*, Vol. 15(2), pp. 369-445 (2012) (co-authored with George William Sherk, Sullivan & Worcester)

“Water Scarcity, Conflict, and Security in a Climate Change World: Challenges and Opportunities for International Law and Policy,” *Wisconsin International Law Journal*, Vol. 27, pp. 409-461 (2010), available at <http://ssrn.com/abstract=1425796> (the article was reproduced in its entirety in Jonathan Verschuuren (Ed.), *Environmental Law and Climate Change* (2015))

“Organophosphates, Friend and Foe: The Promise of Medical Monitoring for Farm Workers and Their Families,” *UCLA Journal of Environmental Law and Policy*, Vol. 27, pp.39-69 (2009) (co-authored with Adriane Busby, formerly with the U.S. Environmental Protection Agency), available at <http://ssrn.com/abstract=1428211>

“Commentary on the U.N. International Law Commission’s Draft Articles on the Law of Transboundary Aquifers,” *Colorado Journal International Environmental Law & Policy*, Vol. 18, pp. 537-610 (2007), available at <http://ssrn.com/abstract=1004782> (republished in full in Laurence Boisson de Chazournes and Mara Tignino (Eds), *International Water Law* (2016); excerpts of this this article were published in J. Carlson, et.al., *International Environmental Law and World Order: A Problem Oriented Coursebook* 3rd (2012))

“Precious, Worthless, or Incalculable: The Value and Ethic of Water,” introductory essay to *Proceedings of the Symposium—Precious, Worthless, or Incalculable: The Value and Ethic of Water* Vol. I, *Texas Tech Law Review*, Vol. 38, pp. 963-972 (2006)

“A Hydrogeological Perspective of the Status of Ground Water Resources Under the UN Watercourse Convention,” *Columbia Journal of Environmental Law*, Vol. 30, pp. 525-564 (2005), available at <http://ssrn.com/abstract=899142>

“Protecting A Hidden Treasure: The U.N. International Law Commission and the International Law of Transboundary Ground Water Resources,” *Amer. Univ. Sustainable Devel. Law & Policy*, Vol. 5, pp. 5-12 (2005), available at <http://ssrn.com/abstract=772080>

PUBLICATIONS (cont.)

“A Hydrogeological Approach to Transboundary Ground Water Resources and International Law” *American University International Law Review*, Vol. 19, pp. 201-258 (2003) (co-authored with Prof. Yoram Eckstein, Kent State University), *available at* <http://ssrn.com/abstract=758639> (excerpts of this article were published in J. Carlson, et.al., *International Environmental Law and World Order: A Problem Oriented Coursebook* 3rd (2012))

“Application of International Water Law to Transboundary Groundwater Resources, and the Slovak-Hungarian Dispute Over Gabčíkovo-Nagymaros,” *Suffolk Transnational Law Review*, Vol. 19, pp.67-116 (1995), *available at* <http://ssrn.com/abstract=612622>

Works in Progress

Article: “Transboundary bulk water transfers: developments and challenges,” co-authored with Renee Martin-Nagle

Other Publications

“America First and the Harmon Doctrine’s Demise – A History Lesson,” *The New Jurist*, March 1, 2017 (co-authored with Professor Paul Kibel, Golden Gate University School of Law), *available at* <http://newjurist.com/america-first-and-the-harmon-doctrines-demise-a-history-lesson.html>

“Training Manual – Hydrodiplomacy, Legal and Institutional Aspects of Water Resources Governance: From the International to the Domestic Perspective” (UNESCO International Hydrological Programme 2016) (coauthored with Stefano Burchi, Melissa McCracken, and Aaron Wolf), *available at* <http://unesdoc.unesco.org/images/0024/002452/245262e.pdf>

“Framework of Surface and Ground Water in Oklahoma and Texas: Perspectives for Oil and Gas Development”, in *Water Acquisition and Management for Oil & Gas Development: Legal and Regulatory Requirements*, Paper 4B, Rocky Mountain Mineral Law Foundation (2016) (co-authored with Jessica Foster)

“The Newest Transboundary Aquifer Agreement: Jordan and Saudi Arabia Cooperate Over the Al-Sag /Al-Disi Aquifer,” *International Water Law Project Blog*, Aug. 31, 2015, *available at* <http://wp.me/p5OUQo-rS>

“Texas Border-Water Conflicts,” in Course Material for *State Bar of Texas: 16th Annual Changing Face of Water Rights Course* (2015) (co-authored with Nathan Williams)

PUBLICATIONS (cont.)

“Concluding Thoughts on the Implications of the Entry into Force of the United Nations Watercourses Convention,” *in* Specially Invited Opinions and Research Report of the International Water Law Project: Global Perspectives on the Entry into Force of the UN Watercourses Convention 2014: Part Two. Water Policy, Vol. 17(1) (2015), doi: 10.2166/wp.2014.009 (co-authored with Dr. Salman M.A. Salman)

“Implications of the UN Watercourses Convention for Groundwater Resources,” *in* Specially Invited Opinions and Research Report of the International Water Law Project: Global Perspectives on the Entry into Force of the UN Watercourses Convention 2014: Part Two. Water Policy, Vol. 17(1) (2015), doi: 10.2166/wp.2014.009

“UN Convention Finally In Force,” *in* Specially Invited Opinions and Research Report of the International Water Law Project: Global Perspectives on the Entry into Force of the UN Watercourses Convention 2014: Part One. Water Policy, Vol. 16(6) (2014), *available at* [doi: 10.2166/wp.2014.008](https://doi.org/10.2166/wp.2014.008)

“Water Law: A Linchpin for Sound Water Management,” IWRA Update: Newsletter of the International Water Resources Association, Vol. 27(4) (Dec. 2014) (co-authored with Renee Martin-Nagle), *available at* http://www.iwra.org/doc/IWRA_Newsletter_December_2014.pdf

“Seeking Sustainability: Water Risks and Private Solutions,” The Environmental Forum (Nov/Dec 2014) (co-authored with Erin Bullard), *available at* <http://ssrn.com/abstract=2512851>

“Drugs on Tap: Managing Pharmaceuticals in Our Nation’s Waters,” Pharmaceutical Compliance Monitor (September 14, 2014), *available at* <http://www.pharmacompliancemonitor.com/drugs-tap-managing-pharmaceuticals-nations-waters/7481/>

“Water Risks and the Private Sector: Partnerships, Profits and Patents,” *in* Water: Global Perspectives, American Bar Association International Environmental Law Committee Special Edition Newsletter, No. 1, pp. 8-12 (2014) (co-authored with Erin Bullard)

“The Latest Red River Rivalry: The Supreme Court’s Recent Decision Regarding the Red River Compact,” Texas A&M Lawyer, Vol. 1(1), pp. 6–13 (Fall/Winter 2013) (co-authored with Luke Davis)

“Emerging EPA Regulation of Pharmaceuticals in the Environment,” The Environmental Reporter, Environmental Law Institute, Vol. 42, pp. 11105 (December 2012), *available at* <http://ssrn.com/abstract=2195703>

Book Review: Transboundary Water Resources Management: A Multidisciplinary Approach (J. Ganoulis, et.al., Eds. 2011), International Journal of Water Resources Development, Vol. 28(4), pp. 693-695 (2012) (co-authored with Kavitha Pramod)

PUBLICATIONS (cont.)

“The Future of Africa’s Water Security,” *in* Newsletter: Legal Developments in Environmental Law, American Bar Association Section of International Law, International Environmental Law Committee (May – July 2012) (co-authored with Kavitha Pramod)

Editorial: “Texas water flowing above ground is public but below it's private,” Fort Worth Star-Telegram (March 10, 2012), *available at* <http://www.star-telegram.com/2012/03/10/3800358/texas-water-flowing-above-ground.html>

“Nicaragua and Costa Rica Return to the International Court of Justice for Third Case Over the San Juan River,” *in* Newsletter: Legal Developments in Environmental Law, American Bar Association Section of International Law, International Environmental Law Committee (January – April 2012)

Editorial: “Water, Peace, and the Middle East,” IUCN Commission on Environmental Law Newsletter, Issue 4 (2009)

“Examples of the Political Character of International Water Law,” Proceedings of the 102nd Annual Meeting of the American Society of International Law, pp. 364-366, April 9-12, 2008, Washington, DC (2009)

“State Practice in the Management and Allocation of Transboundary Ground Water Resources in North America,” Proceedings of the 2006 NGWA Ground Water and Environmental Law Conference, July 6-7, 2006, Chicago, IL (2006) (co-authored with Amy Hardberger, Environmental Defense)

“Summaries from the Symposium: Precious, Worthless, or Immeasurable: The Value and Ethic of Water,” Proceedings of the Symposium—Precious, Worthless, or Incalculable: The Value and Ethic of Water, Vol. 2, Center for Water Law & Policy and International Center for Arid and Semi-Arid Land Studies, Texas Tech University (A.C. Corrêa & Gabriel Eckstein, eds. 2006) (co-authored with Amy Hardberger, Environmental Defense)

Commentary related to “Turning on the tap: the world’s water problems” by Robert Glennon, *Frontiers in Ecology and the Environment*, Vol. 3, p. 504 (2005)

“Review of State Practice in the Management and Allocation of Transboundary Ground Water Resources in North America,” Report prepared for UNILC Special Rapporteur, His Excellency, Ambassador Chusei Yamada and the UNESCO Ground Water Experts Group (January 2005)

“The Challenges of the Rule of Capture in Texas,” Conference Proceedings – High Plains Groundwater Resources: Challenges and Opportunities, Conference Proceedings, Texas Tech University Water Resources Center, Lubbock, TX, pp. 163-172 (Rainwater & Zobek, Eds. 2004)

PUBLICATIONS (*cont.*)

“Water Organizations and Library Resources: Research Organizations Related to Agricultural Water Use,” *Encyclopedia of Water Science* (Marcel Dekkar 2003)

“Fresh Water Initiative,” *in* chapter on Public International Law: Environmental Law, American Bar Association, International Law Section, *International Law Year in Review 2000*, Vol. 35, p. 686 (2001) (co-authored with Melanne Civic, U.S. Department of State)

“Hydrologic Reality: International Water Law and Transboundary Groundwater Resources,” *Water: Dispute Prevention and Development*, American University Center for the Global South (1998)

“Construing the Right to a Sound Environment”, *American Society of International Law Human Rights Interest Group Newsletter*, Vol. 6, pp. 24-26 (1996)

“Human Rights and Environmentalism: Forging Common Ground,” *Human Rights Brief*, Vol. 2(3), pp. 1, 8-9 (Spring 1995) (co-authored with Miriam Gitlin)

CONFERENCES, LECTURES, & WORKSHOPS

Participation in the *International Water Resources Association XVIth World Water Congress*, Cancun, Mexico, *forthcoming May 29-June 2, 2017*

- Chair, International Scientific Committee, and served as Master of Ceremonies for the Opening and Closing Ceremonies
- Presentation on “Regulation of the Environment-Support Function of Groundwater Systems,” special session on *Online Training Course on the ‘Greening’ of Water Law: Implementing environment-friendly principles in contemporary water treaties and laws*, organized by the International Association for Water Law
- Panel discussant for special session on *Smart Water Management: Bridge to WGG and SDGs – The Technical Innovation Needed for “Water for All”*, organized by Korea Water Resources Corporation (K-Water)
- Panel Moderator for session on “Policies and issues on transboundary water resources with specific approach on transboundary waters along the US-Canada and US-Mexico borders,” special session on *Transboundary Water Resources, Surface water and Groundwater Assessment and Management along the Canada-US and Mexico-US borders in North America*, organized by Natural Resources Canada; University of Arizona, Water Resources Research Center; North American Research Partnership; Water Resources Institutes of Texas and New Mexico
- Panel Moderator for special session on *The Draft Articles on the Law of Transboundary Aquifers – Moving forward until the next UN General Assembly session*, organized by UNESCO, International Association for Water Law, and International Association of Hydrogeologists
- Presentation on “International Law and Transboundary Aquifers,” special session on *What next for water law and policy? Recent developments, future challenges and potential opportunities*, organized by Northumbria University Newcastle
- Presentation on “Transboundary Legal Perspective: International Water Law,” special session on *Training in Hydro-diplomacy, Legal and Institutional Aspects of Water Resources Governance – From the International to the Domestic Perspective*, organized by International Association for Water Law and UNESCO-IHP

Presentation on “Erosion Under the Texas Water Code and Civil Law” at the 2017 *Parker County Erosion Appreciation Day II*, Parker County USDA Service Center, Weatherford, Texas, May 19, 2017

Symposium Committee Member, *Texas A&M 8th Energy Symposium: The Future of Energy*, Texas A&M University School of Law, March 23-24, 2017

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Emerging Threats: Pharmaceuticals Wastes and Pollutants in the Aquatic Environment” for the *World Water Day 2017 – Wastewater Webinar*, International Water Resources Association, March 22, 2017

Planning Committee and Panel Moderator, “New Developments in Resource Management and Trade: The Internationalization of the Local,” *International Law Weekend South*, Texas A&M University School of Law in cooperation with the American Branch of the International Law Association, March 2-3, 2017

Commentator and Participant, *Seminar on the Human Right to Water: An interdisciplinary focus and contributions on the central role of public policies in water and sanitation management*, Cátedra del Diálogo y Law Cultura del Encuentro, Pontifical Academy of Sciences, Vatican City, February 23-24, 2017

Roundtable Moderator, Texas A&M Journal of Property Law Spring 2017 Symposium: *New Water*, February 17, 2017

Panel Moderator, “Works in Progress: Takings Revisited,” *Real Property Law Roundtable*, Texas A&M University School of Law, February 2-4, 2017

Presentation on “The Draft Articles on the Law of Transboundary Aquifers,” *Seminar: Groundwater Resources and The Law of Transboundary Aquifers*, organized by Slovak Presidency of the Council of the European Union, UN Educational, Scientific and Cultural Organization, and European Union at the Delegation of the European Union to the United Nations, New York City, NY, October 17, 2016

Anchored debate team taking affirmative argument on “Can there be transboundary water cooperation without international water law?”, Stockholm 2016 World Water Week, August 30, 2016, Stockholm, Sweden (with Dr. Marian Patrick, Stockholm International Water Institute, and Ms. Zaki Shubber, UNESCO-IHE)

Presentation on “Bulk Water Transfers: Problem or Solution?”, Stockholm 2016 World Water Week, August 29 2016, Stockholm, Sweden (with Renee Martin-Nagle, University of Strathclyde, Scotland)

Presentation on “From Science to Law – Transboundary Ground Water Resources and Emerging International Law”, Summer Lecture Series, Vermont Law School, South Royalton, VT, June 14, 2016

Presentation at the Forum of International Cooperation Organizations, *10th World General Assembly of the International Network of Basin Organizations*, Merida, Mexico, June 3, 2016

Presentation on “Pharmaceutical in the Environment: The Challenges and a Pragmatic Approach,” *Conference: Contaminants of Emerging Concern and Water on Earth*, Texas Environmental Law Journal and the University of Texas School of Law, April 15, 2016

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on the “Framework of Surface and Groundwater Legal Systems in the Southwest” at the conference on *Water Acquisition and Management for Oil and Gas Development* organized by the Rocky Mountain Mineral Law Foundation and the Institute for Energy Law Conference, Houston, TX, April 7, 2016

Presentation on “Erosion Under the Texas Water Code and Civil Law” at the *Parker County Erosion Appreciation Day*, Weatherford USDA Service Center, Weatherford, Texas March 4, 2016

Presentation on “Federal Environmental Laws and State Water Rights: Whose Water Is It?” for the *Webinar–Look But Don't Touch: How Water Quality Regulation Affects Water Availability*, American Bar Association, Section of Environment, Energy & Resources, January 26, 2016

Organizing Committee and Session Leader: Water Law/Policy, *The Texas A&M University System – Resource Nexus: Water Forum*, San Antonio, TX, November 17-18, 2015

Presentation on “Water as an Economic Good: Implications for Nations’ Freshwater Resources,” United States Embassy, Tashkent, Uzbekistan, July 10, 2015

Presentation on “Transboundary Aquifers under Uncertainty: A Case Study from the Mexico-United States Border”, Law, Environment and Development Centre and School of Oriental and African Studies, University of London, May 29-30, 2015

Presentations at the *International Water Resources Association XVth World Water Congress*, Edinburgh, Scotland, May 25-29, 2015

- “Bulk Water Transfers: Panacea or Temporary Patch?” (with Renee Martin-Nagle, University of Strathclyde, Scotland)
- “Agreements & Adaptation”, special session on *Governance of Shared Waters: Adaptation to Climate Change*
- “Ratification of the UN Watercourses Convention: Perspectives from Around the World”, special session on *Getting the Best Out of the Global Water Conventions*
- “Best Practices in International Water Law”, special session on *In search of best practices for Water Resource Management: Has Anyone Reached the Top?*
- “Emerging Issues in International Water Law”, plenary session on *Emerging Issues*

Chaired panels at the *International Water Resources Association XVth World Water Congress*, Edinburgh, Scotland, May 25-29, 2015

- “Water law: Law and governance for managing groundwater resources at the domestic level”
- “Transboundary Water Resources: Aquifers”

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Keynote Lecture on “Transboundary Aquifers: An Interdisciplinary Conversation and Foundations for Cooperation”, Strathclyde Centre for Environmental Law and Governance, University of Strathclyde, Strathclyde, Scotland (May 22, 2015)

Presentation on “Implications for Nations of the Commodification of Water”, First Annual Sustainability Conference of American Legal Educators, Sandra Day O’Connor College of Law, Arizona State University, Tempe, AZ, May 8, 2015

Presentation on “Texas Border Water Disputes,” *16th Annual Changing Face of Water Rights Course*, Texas State Bar Association, San Antonio, TX, February 26, 2015

Presentation on “The Global Legal Framework for Transboundary Water Governance,” The World Bank, Washington, DC, February 20, 2015

Presentation on “Drugs on Tap: Managing Pharmaceuticals in Our Nation’s Waters,” Southern University Law Center, Baton Rouge, LA, January 22, 2015

Presentation on “Developments in International Law Applicable to Transboundary Groundwater Resources: The Draft Articles on the Law of Transboundary Aquifers,” *Webinar on Moving With the Momentum: Reviewing Lessons for Groundwater from 2014 and Looking Ahead to 2015*, IGRAC and UNESCO-IHP, January 15, 2015 (with Dr. Francesco Sindico, University of Strathclyde)

Presentation on “Water as an Economic Good: Implications for Nations’ Freshwater Resources,” Department of Geography and Environment at Khazar University, Baku, Azerbaijan, December 16, 2014

Presentation on “Lost in Translation: The Interaction of Science, Policy, and Law”, *Achieving Success in Science through Undergraduate Research and Engagement Program*, University of Texas Arlington, Arlington, TX, November 21, 2014

Presentation on “Managing Water Across the Frontier: A Legal and Policy Perspective of Mexico-US Hydro Relations,” Texas A&M University at Galveston, October 9, 2014

Presentation on “A new era for transboundary water management: Implications of the coming into force of the UN Watercourses Convention,” Texas A&M University Program on Water Management and Hydrological Sciences, September 11, 2014

Workshop and lectures on “International Water Law, Negotiation and Conflict Resolution,” Intergovernmental Authority on Development (IGAD-INWRMP), Kampala, Uganda, June 25-27, 2014

Participation in roundtable panel “Legal Aspects of Water: Transboundary Waters and Cooperation,” *3rd Istanbul Water Forum*, Istanbul, Turkey, May 27–29, 2014

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Participation in roundtable panel “Legal Aspects of Water: Right to Water and Sanitation,” 3rd *Istanbul Water Forum*, Istanbul, Turkey, May 27–29, 2014

Participation in roundtable panel at the Side Event of the International Water Resources Association on “Toward a Global Compendium on Water Quality Guidelines,” 3rd *Istanbul Water Forum*, Istanbul, Turkey, May 27–29, 2014

Presentation on “Water as an Economic Good: Implications for Freshwater Resources” on the panel: *Water – A Complex of Challenges for International Law and Policy, 2014 Joint Meeting of the American Society of International Law and International Law Association*, Washington, DC, April 9–12, 2014

Panel Moderator: “International Trade Perspectives in Energy Law,” *Texas A&M Law Review 6th Annual Energy Symposium*, Texas A&M University School of Law, Fort Worth, TX, March 20, 2014

Presentation on “TX v. NM and the Rio Grande Compact” for the *Texas A&M University Water Program Lecture Series*, Texas A&M University, College Station, TX, March 6, 2014

Presentation on “Assessing Transboundary Aquifers Pacts Through the Lens of Climate Change: The Guarani Agreement and the UNILC’s Draft Articles,” via Skype for the conference *Climate Change and Groundwater: Comparative and International Law and Policy Dimensions – Lessons for India*, London, England, January 24, 2014

Presentation on “Endangered Species in the Oil Patch: Challenges and Opportunities for the Oil and Gas Industry” for the *Dallas Bar Association Section on Environmental Law*, Dallas, TX, December 12, 2013

Presentation on “The Draft Articles on the Law of Transboundary Aquifers,” *Webinar on Groundwater and International Law: Current Status and Recent Developments*, GEF IW-Learn and UNESCO-IHP, December 11, 2013

Presentation on “Rethinking Transboundary Ground Water Resources Management: A Local Approach along the Mexico-U.S. Border” for the *2013 Texas Water Law Institute*, Austin, TX, December 6, 2013

Moderator for Symposium Roundtable – Wind Farming: Obstacles to Planning and Development, *Texas A&M Journal of Real Property Law*, Fort Worth, TX, November 15, 2013

Presentation on “Endangered Species in the Oil Patch: Challenges and Opportunities for the Oil and Gas Industry” for the *Tarrant County Bar Association Section on Environmental Law*, Fort Worth, TX, October 30, 2013

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Contextualizing ‘Water Availability’: The Challenge for Energy Production” for the *University of Richmond Law Review Allen Chair Symposium: The Energy–Water Nexus*, Richmond, VA, October 18, 2013

Moderator for panel on “Regulatory drivers and the economics of water in Texas,” conference on *Water & Energy 2013: Looking Beyond The Shales*, Global Water Intelligence, Houston TX, September 25, 2013

Presentation on “Managing and regulating transboundary aquifers along the Mexico-US border,” by videoconference to the 2nd *Jornadas Técnicas sobre la Recarga Artificial de Acuíferos y Reuso de Agua* (“Second Technical Conference on Artificial Recharge of Aquifers and Water Reuse”), Universidad Nacional Autónoma de México, Mexico City, August 28, 2013

Judge for Poster Presentation and panelist for “Let’s Talk About Water,” a discussion panel commenting on the documentary *Last Call at the Oasis*, Texas A&M University Water Management and Hydrological Science Program, College Station, Texas April 24, 2013

Program moderator for *The Future of Energy Symposium: The European and American Approaches*, featuring Dr. Goetz Reichert of the Center for European Policy, based in Freiburg, Germany, and Law Professor Gina Warren of Texas Wesleyan University, Texas Wesleyan School of Law, Fort Worth, Texas, April 22, 2013

Presentation on “Groundwater Resources Governance within the Federal System of the United States with a Focus on CERCLA and Superfund” for the *5th Regional Consultation on Groundwater Governance Devoted to the European Region*, UNESCO, The Hague, The Netherlands March 18–21, 2013

Presentation on “Water Use in Oil & Gas Production: Legal Challenges and Opportunities” for the *Conference on Solving Water Problems in Oil and Gas Production: New Technologies for Cost Savings and New Revenue Flows*, American Association of Petroleum Geologists Geosciences Technology Workshop, Fort Worth, Texas, February 27, 2013

Presentation on “Global Water Scarcity and International Law” for the *Conference on Scarcity in International Law*, *Georgia Journal of International and Comparative Law*, University of Georgia School of Law, February 5, 2013

Participated on experts panel on Groundwater and Agricultural Ecology, *Symposium on Groundwater Management in an Urbanized Coastal Area*, International Water Resources Association and the Qingdao Hydrological Bureau, Qingdao, China, December 6-8, 2012

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Served as the Rapporteur for the Plenary Session on *Governance of Shared Water Resources: International River Basins and Transboundary Aquifers* and for the *Working Group on Groundwater Governance and National and Regional Legal Settings*, 4th Regional Consultation on Groundwater Governance Devoted to the Asia and Pacific Region, organized by the UNESCO Beijing Office, in Shijiazhuang, China, December 3-5, 2012

Chaired panel on “Private and Public Sector Risks in Interstate and Transboundary Waters” for the *American Water Summit 2012*, Chicago November 14-15, 2012

Presentation on “Private Sector Liability for Interstate and International Transboundary Water Pollution” for the *American Water Summit 2012*, Chicago November 14-15, 2012

Conference Chair and Roundtable Moderator: *Securing Water Supplies for the Future: Risks, Challenges & Opportunities*, Texas Wesleyan Real Property Law Journal, Fort Worth, TX, November 9, 2012

Presentation on pharmaceuticals in the environment on a panel *The Clean Water Act at 40: Under-enforced and out of date* for the *Society of Environmental Journalists’ 22nd Annual Conference*, Lubbock, Texas, October 17-21, 2012

Presentation on “Managing Hidden Treasures Across Frontiers: Emerging International Customary Norms for the Management of Transboundary Aquifers” for the *International Association of Hydrogeologists 39th Congress on Confronting Global Change*, Niagara Falls, Ontario, Canada, September 16-21, 2012

Presentation on “Correlating Governance of Transboundary Freshwater Resources to Manageable Hydrologic Units on the Mexico-U.S. Border” for the *International Association of Hydrogeologists 39th Congress on Confronting Global Change*, Niagara Falls, Ontario, Canada, September 16-21, 2012 (with Prof. Yoram Eckstein, Kent State University)

Presentation on “Sagebrush Lizards, Prairie Chickens, and Humpback Whales, Oh My!: Endangered Species Challenges for Oil and Gas Production” for the *25th Annual Energy Law Institute for Attorneys and Landmen*, South Texas College of Law, Houston, August 29-30, 2012

Presentation on “Water Use in Oil & Gas Production” for the *Seminar/Webinar on Water and the Future of Energy*, Environmental Law Institute and Sullivan & Worcester LLP, Washington, DC, May 30, 2012

Moderator for the *Fourth Annual Energy Law Symposium*, Texas Wesleyan University School of Law, Fort Worth, TX, March 30, 2012

Moderator for *Symposium Roundtable – Wildfire Law: Private Property and Public Interests*, Texas A&M Journal of Real Property Law, Fort Worth, TX, March 23, 2012

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Water Law 101 for Oil and Gas Development” for the *Council of Petroleum Accountants Societies Meeting, Section on Audit and Joint Interest*, Fort Worth, TX, February 10, 2012

Presentation on “Water Law for Oil and Gas Development” for the *Council of Petroleum Accountants Societies Winter Meeting*, Houston, TX, January 26, 2012

Presentation on the panel *Water Use and Water Law in Texas from an Oil and Gas Perspective*” at the *Conference on Environmental Impacts of Oil and Gas Production*, Houston, TX, January 13, 2012

Presentation on “UNESCO’s International Shared Aquifers Resources Management (ISARM) Programme” for the *Session on Transboundary Aquifers – Linkages and Interactions with Lakes and Rivers, 14th World Lakes Conference*, Austin, TX, November 3, 2011

Keynote Speaker: “Water Scarcity, Conflict, and Security in a Climate Change World: Challenges and Opportunities for International Law and Policy,” *International Symposium on Impacts of Climate Change on Water Resources in Arid and Semi-arid Regions*, Xi’an, China, October 21-23, 2011

Presentation on “Alternative Strategies for Managing Pharmaceutical and Personal Care Products in Water Resources” for the *Seminar/Webinar, Environmental Law Institute and Sullivan & Worcester LLP*, Washington, DC, October 6, 2011

Presentation on “Greening Water Law: Managing Freshwater Resources for People and the Environment” for the *International Water Resources Association XIVth World Water Congress*, Porto de Galinhas, Brazil, September 25-29, 2011

Presentation on “Managing Hidden Treasures Across Frontiers: Developing Customary International Law for Transboundary Aquifers” for the *International Water Resources Association XIVth World Water Congress*, Porto de Galinhas, Brazil, September 25-29, 2011

Presentation on “The U.N. Watercourses Convention: Meeting The Challenges of Transboundary Water Management” for the *International Water Resources Association XIVth World Water Congress*, Porto de Galinhas, Brazil, September 25-29, 2011

Presentation on “Managing and Regulating PPCPs in Our Fresh Water Systems: A Legal Remedy?” for the *Conference: Disruption – New Pollutants in the Potomac and Beyond*, Potomac Conservancy, Silver Spring, MD, June 3, 2011 (via Skype)

Presentation on “The Greening of Water Law” in the *Roundtable on Water Governance, Hydrogaia: International Water Exhibition*, Montpellier, France May 25-27, 2011

Presentation on “Cooperation Over Transboundary Waters and the 1997 UN Watercourses Convention” for the *International Conference: Towards the 6th World Water Forum – Cooperative Actions for Water Security*, Tashkent, Uzbekistan, May 12-13, 2011

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Keynote Speaker, “Deconstructing the Human Right to Water: Implications for Implementing the Right in the West and Beyond,” *Conference: The Human Right to Water in the West*, Willamette Univ. School of Law, Salem, OR, February 3-5, 2011

Legal Expert/Commentator for the *Second ISARM Pilot Course on the Sustainable Management of Transboundary Groundwater*, UN Educational, Scientific and Cultural Organization, Paris, France, December 9-10, 2010

Presentation on “Buried Treasure or Buried Hopes?: The Status of Mexico-U.S. Transboundary Aquifers and International Law” for the *Conference: Transboundary Aquifers – Challenges and New Directions*, UN Educational, Scientific and Cultural Organization, Paris, France, December 6-8, 2010

Presentation on “Managing Hidden Treasures Across Frontiers: The International Law of Transboundary Aquifers” for the *Conference: Transboundary Aquifers – Challenges and New Directions*, UN Educational, Scientific and Cultural Organization, Paris, France, December 6-8, 2010

Presentation on “The Greening of Water Law” on the panel “The Role of Law in Ensuring Water Quality” for the *Stockholm World Water Week: The Water Quality Challenge – Prevention, Wise Use, and Abatement*, Stockholm, Sweden, September 7, 2010

Presentation on “Buried Treasure or Buried Hopes?: The Status of Mexico-U.S. Transboundary Aquifers and International Law” for the *Conference: Transboundary Aquifers and International Law: The experience of the Guarani Aquifer System*, Univ. of Surrey, Guildford, U.K., August 31, 2010

Presentation on “Alternative Strategies for Addressing the Presence and Effects of Pharmaceutical and Personal Care Products in Freshwater Resources” for the *Symposium on Land-Based Threats to Waters: Recent Trends, from Nutrients to Pharmaceuticals*, The George Washington University, Washington, DC, May 13, 2010

Keynote Speaker: “Water Ethics: Your Role as a Water Lawyer,” *11th Annual Changing Face of Water Rights Course*, Texas State Bar Association, Austin, TX, April 9, 2010

Presentation on “Water Scarcity, Conflict, and Security in a Climate Change World: Challenges and Opportunities for International Law and Policy” for the *University of Texas School of Law, Center for Global Energy, International Arbitration and Environmental Law*, Austin, TX, February 19, 2010

Presentation on “Water Scarcity, Conflict, and Security in a Climate Change World: Challenges and Opportunities for International Law and Policy” for the *Marquette University School of Law Guest Speaker Series*, Milwaukee, WI, February 2, 2010

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Legal and Diplomatic Issues Related to Transboundary Aquifers” for the *Conference: Greening Borders – Cooperation, Security and Diplomacy*, Joan B. Kroc School of Peace Studies at the University of San Diego, San Diego, CA, November 18-20, 2009

Panelist discussing “Application in the Middle East of the UN International Law Commission's Transboundary Ground Water Principles,” *International Law Weekend 2009*, American Branch of the International Law Association, New York, October 24, 2009

Presentation on “Discovering Buried Treasure: International Law for Transboundary Ground Water Resources” for the *International Environmental Law Program Series Speakers*, American University Washington College of Law, October 20, 2009

Presentation on “The Legal and Governmental Implications for the Human Right to Water” for the *Conference: Water as Human Right: Context and Consequence*, Fulbright Foundation for Educational Exchange Between Canada and the United States of America and the University of Ottawa, Ottawa, Canada, October 14, 2009

Presentation on “Scarcity, Conflict, & Security: The Future of Water for Israel & Her Neighbors” for the *Jewish Federation of Greater Portland*, Portland, OR, June 1, 2009

Presentation on “International Law of Transboundary Aquifers and the UNILC Draft Articles” for the *UNEP Conference: Strengthening Transboundary Freshwater Governance – The Environmental Sustainability Challenge*, Bangkok, Thailand, May 20-22, 2009

Presentation on “Scarcity, Conflict & Security: Fresh Water Resources in the Middle East Peace Process,” private lecture to Department of Interior, Portland, OR office, May 6, 2009

Presentation on “International Water Scarcity, Conflict, and Security in a Climate Change World” for the *Conference: Global Climate Change and Sustainable Development – Challenges and Opportunities for International Law*, Wisconsin International Law Journal, Madison, WI, March 6-7, 2009

Presentation on “Nonrenewable Aquifers and International Law: Considerations for Managing a Critical Depleting Resource” for the *National Ground Water Association International Conference on Nonrenewable Ground Water Resources*, Portland, OR, October 13-14, 2008

Presentation on “Climate Change Implications for Negotiating International Transboundary Water Agreements” for the *University of Oregon School of Law's Environmental and Natural Resources Law Program Series of Fireside Conversations on Global Warming: Seeking Sustainable Solutions*, Eugene, OR, September 11, 2008

Presentation on “The Politics of Transboundary Waters” for the *102nd Annual Meeting of the American Society of International Law*, Washington, DC, April 9-12, 2008

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Conference Co-Chair: *Common Grounds, Common Waters: Toward a Water Ethic*, Texas Tech University Center for Water Law and Policy and the Santa Clara University International Law Journal, Santa Clara, CA, March 14, 2008

Presentation on “Applicability and Adaptability of Customary International Water Law Principles to Regions of Extreme Conditions” for the *North Atlantic Treaty Organization Water Workshop on Natural Resources Governance in Regions of Extreme Regions*, Ein Gedi, Israel, November 19-21, 2007

Presentation on “Blind Salamanders, Underground Streams, and the Law: The Story of the Edwards Aquifer in Texas” for the *Oregon State University seminar on Revisiting Restoration, Reconstruction, and Renaturalization of Engineers Landscapes: Technical, Political, Legal and Natural Resistance*, Corvallis, OR, November 7, 2007

Training Workshop: “Legal and Policy Tools for Cooperation Over Transboundary Freshwater Resources,” at the *II International Conference on Water in Arid and Semiarid Lands*, Graváta, State of Pernambuco, Brazil, September 9-13, 2007

Roundtable Panel: “Water Negotiations in Water Scarcity Situations: Legal and Policy Tools for Cooperation Over Transboundary Freshwater Resources,” at the *II International Conference on Water in Arid and Semiarid Lands*, Graváta, State of Pernambuco, Brazil, September 9-13, 2007

Presentation on “Can groundwater science make groundwater law less mysterious and occult?” for the *National Ground Water Association 2007 Ground Water Summit*, Albuquerque, NM, April 29 – May 3, 2007 (presented with Dr. Ken Rainwater, Texas Tech University)

Presentation on “Complexities in the Development of International Law for Transboundary Ground Water” for the *National Ground Water Association 2007 Ground Water Summit*, Albuquerque, NM, April 29 – May 3, 2007

Presentation on “A Primer on Texas Water Law” for the *2nd Annual West Texas General Practice Symposium*, Texas Bar CLE, Texas Tech University School of Law, Lubbock, TX, March 2, 2007

Presentation on “Negotiating a Transboundary Freshwater Agreement” for the Training Workshop at the *2006 International Conference on Water in Arid and Semiarid Lands: Innovative Approaches and Informed Decision Making*, International Center for Arid and Semi-Arid Land Studies, Texas Tech University, Lubbock, TX, November 13-14, 2006

Panel Discussion: The Future of Water—What Lies Ahead? at the *2006 International Conference on Water in Arid and Semiarid Lands: Innovative Approaches and Informed Decision Making*, International Center for Arid and Semi-Arid Land Studies, Texas Tech University, Lubbock, TX, November 13-14, 2006

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Chair, Sessions on Transboundary Waters Issues I & II and International Waters Issues at the *2006 International Conference on Water in Arid and Semiarid Lands: Innovative Approaches and Informed Decision Making*, International Center for Arid and Semi-Arid Land Studies, Texas Tech University, Lubbock, TX, November 13-14, 2006

Presentation on “Profit or Altruism: The Ethic and Value of Water” for the *Conference: Texas Water Law – Scarcity and Growth*, CLE International Water law Institute, Austin, TX, September 28-29, 2006

Panelist on “Workshop on Publishing,” *Southeast Association of Law Schools Annual Meeting*, Palm Beach, FL, July 16-22, 2006

Presentation on “Developing International Law for Transboundary Ground Water Resources and the Work of the UN International Law Commission” for the *III International Symposium on Transboundary Waters Management*, University of Castilla-La Mancha, Spain, June 1, 2006

Presentation on “Review of the Work of the U.N. International Law Commission in its Effort to Codify the International Law of Transboundary Aquifers” for the *Colorado Journal of International Environmental Law & Policy*, University of Colorado, Boulder, CO, March 21, 2006

Presentation on “Conflict or Cooperation: International Law, Ground Water Resources, and the World Water Crises” for the *University of British Columbia’s Dr. Andrew R. Thompson Program in Natural Resources Law and Policy*, Vancouver, Canada, November 18, 2005

Presentation on “Conflict or Cooperation: North America’s Transboundary Aquifers, International Law, and a UN Treaty Initiative” for the *Oregon State University Institute for Water and Watersheds*, Corvallis, OR, November 16, 2005

Organized and served as chair of the symposium on “Precious, Worthless, or Incalculable: The Value and Ethic of Water” for the Texas Tech University School of Law, Lubbock, TX, November 2-4, 2005 (served as symposium chair and organizer)

Developed and ran “Negotiation Exercise: The case of Arcadia, Brosnia and Cadland and their common border formed by the Zini River” for the workshop on *River Boundaries: Practicalities and Solutions*, International Boundary Research Unit Workshop Series No. 27, University of Durham, Durham, England, September 19-21, 2005

Presentation on “Rules of the Road: Navigational and Non-Navigational Rules for International Border Rivers” for the workshop on *River Boundaries: Practicalities and Solutions*, International Boundary Research Unit Workshop Series No. 27, University of Durham, Durham, England, September 19-21, 2005

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Border River Disputes Among U.S. States” for the workshop on *River Boundaries: Practicalities and Solutions*, International Boundary Research Unit Workshop Series No. 27, University of Durham, Durham, England, September 19-21, 2005

Presentation on “The Politics and Law of Texas Ground Water” for the *South Plains Chapter of the Texas Democratic Women*, Lubbock, TX, June 24, 2005

Presentation on “Conceptual Models of Transboundary Aquifers for Use in the Application of International Law” for the *2004 National Ground Water Association Conference and Exposition, Transboundary Aquifer Interest Group Session*, Law Vegas, NV, December 12-15, 2004

Presentation on “The Rule of Capture in Texas” for the *Conference: High Plains Groundwater Resources – Challenges and Opportunities*, Lubbock, TX, December 7-9, 2004

Panelist in the Colloquium “The Future of Water in West Texas” organized by the *Department of Political Science Center for Public Service*, Texas Tech University, Lubbock, TX, November 5, 2004

Presentation on “Looking at Ground Water Resources From Opposite Sides of the Glass: The Differing Perspectives of Hydrogeologists and Lawyers on Ground Water Resources” for the *Transboundary Groundwater Flow Symposium at the XXXIII IAH Congress, Zacatecas, Mexico*, October 11-15, 2004 (presented with Prof. Yoram Eckstein, Kent State University)

Presented testimony on “The Rule of Capture in Texas, Ground Water Law in Other States, and Options for Changes to the Rule” before the Texas Senate Select Committee on Water Policy, Lubbock, TX, August 12, 2004

Presentation on “A Hydrogeological Approach to Transboundary Ground Water Resources Under International Law” for the *Conference: Allocating and Managing Water for a Sustainable Future: Lessons from Around the World*, Natural Resources Law Center, University of Colorado, Boulder, CO, June 11-14, 2002

Presentation on “The Development of International Water Law” for the *Law School Lecture Series*, National Law Center, George Washington University, Washington, DC, March 19, 2002

Presentation on “International Water Law and the Israeli-Palestinian Dispute” for the *Arab-Jewish Dialogue Committee Lectures*, Washington College of Law, American University, March 26, 2001

CONFERENCES, LECTURES, & WORKSHOPS (cont.)

Presentation on “Ground Water, International Water Law and the Middle East Peace Process” for the *Conference: Ground Water – A Transboundary, Strategic and Geopolitical Resource*, Association of Ground Water Scientists and Engineers Annual Meeting and Conference, Las Vegas, NV, December 13-14, 2000 (presented with Prof. Yoram Eckstein, Kent State University)

Presentation on “Hydrologic Reality: International Water Law and Transboundary Groundwater Resources” for the *Conference: Water: Dispute Prevention and Development*, Center for the Global South, American University, Washington, DC, Oct. 12 – 13, 1998

Presentation on “International Water Law, Transboundary Ground Water Resources and the Danube Dam Case” for the *Conference: Gambling With Ground Water: Physical, Chemical, and Biological Aspects of Aquifer-Stream Relationship*, International Association of Hydrologists XXVII Congress and Annual Meeting of the American Institute of Hydrology, Las Vegas, Sept. 27 – Oct. 2, 1998 (presented with Prof. Yoram Eckstein, Kent State University)