Noam Weisbrod
Prof. Weisbrod is the Director of the Zuckerberg Institute for Water Research at Ben-Gurion University of the Negev, where he is also the head of the Department of Environmental Hydrology and Microbiology. As a hydrologist, Dr. Weisbrod focuses on different aspects of flow and transport of liquid, solid and gas phases in homogeneous and heterogeneous porous media.

Elie Rekhess
Prof. Rekhess is Crown Visiting Professor in Israel Studies and Professor of History at Northwestern University. He is also the Associate Director for Israel Studies at the Crown Family Center for Jewish and Israel Studies.

Stuart Schoenfeld
Prof. Schoenfeld is Professor Emeritus at Glendon College, and at the Institute for Research and Innovation in Sustainability at York University. His latest project, *Regional Environmentalism in the Middle East*, explores how a network of Israelis, Palestinians, and Jordanians began to work on issues of water and sustainable development as a framework for peace and security in the region.

Jeffrey Sosland
Prof. Sosland is Assistant Professor in the School of Professional and Extended Studies at American University and Director of the Washington Semester Program: Global Economics and Business. The focus of Prof. Sosland’s research is the politics of globalization and the political economy of the Middle East.

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Water serves as a focal point and tool for understanding some of the central issues and motivations in political relations, state-building, technological innovation, and environmental impact in Israel and the Middle East.

This symposium will explore how control and access of water play into transboundary politics and whether recent advances in water technologies in Israel may provide a model for sustainable water development in other water-poor regions of the world. The symposium is part of a series of partnerships between Northwestern and Israel focusing on water sustainability.
Schedule

1:00-1:20   Welcome and Introductions

**Julio Ottino** - Welcoming remarks
*Dean, McCormick School of Engineering and Applied Science*

**Adrian Randolph** - Welcoming remarks
*Dean, Weinberg College of Arts and Sciences*

1:20-3:00   Session 1: Water Management and Reuse in Israel

Moderator: Aaron Packman, Northwestern Center for Water Research

**Sara Elhanany** – “Challenges for Water Resources Management in Israel”

**Noam Weisbrod** – “Technologies for Water Reuse and Irrigation in Israel and a Bit of Dead Sea History”

3:00-3:15   Break

3:15-4:50   Session 2: Transboundary Water Issues in the Middle East

Moderator: Elie Rekhess, Crown Family Center for Jewish and Israel Studies

**Stuart Schoenfeld** – “Initiatives for Environmental Cooperation in the Eastern Mediterranean: Opportunities, Challenges, and Strategies”

**Jeffrey Sosland** – “Israel and Jordan’s Complex Water Interdependence”

4:45-5:00   Closing Remarks

**Julio Ottino**
Julio Ottino is Dean of the McCormick School of Engineering at Northwestern University. He is Distinguished Robert R. McCormick Institute Professor as well as the Walter P. Murphy Professor of Chemical and Biological Engineering.

**Adrian Randolph**
Adrian Randolph is Dean of the Weinberg College of Arts and Sciences and Professor of Art History at Northwestern University.

**Aaron Packman**
Prof. Packman is Professor of Civil and Environmental Engineering and Mechanical Engineering at Northwestern University. He is also Director of the Northwestern Center for Water Research, founded in 2015.

**Sara Elhanany**
Dr. Elhanany is the Head of the Water Quality division as well as the National Water Monitoring Laboratory of the Israel Water Authority. Her responsibilities involve evaluating risk to Israel’s few natural water resources. Her work focuses on promoting national projects concerning preservation and remediation of natural water resources—from pilot plants to large-scale treatment plants.