

ISRAEL AND WATER:

Scarcity, Innovation and Cooperation



Abramson Family Founders Room • Tuesday, March 4, 2014 • 8:00am– 5:00pm
American University School of International Service Building



AMERICAN ASSOCIATES
Ben-Gurion University
of the Negev

From the desert for the world...



AMERICAN
UNIVERSITY
WASHINGTON, DC



מכון הערבה

Arava Institute

معهد وادي عربة

ISRAEL AND WATER

Scarcity, Innovation and Cooperation

Tuesday, March 4, 2014
American University

Every living being needs water. Yet from California to the Middle East, communities are confronted with the many challenges of water-related stress, as they pursue their domestic, agricultural and industrial priorities. By 2025, two thirds of the world's population could experience water stress, according to the United Nations. Meeting these challenges requires a multifaceted approach comprising both governance and technological innovation.

A technological hub, Israel recycles about 70% of its water, converts seawater into drinking water, and grows food in the desert, drawing on innovative desalination and wastewater recycling technologies. Though there may be much that separates Israelis and Palestinians, water is one domain where there is significant cooperation between them, from government to civil society. Continued reflection is required to ensure that such cooperation contributes to transforming rather than reproducing the conflictual relationship between them.

This one-day conference is an opportunity for participants to learn about and reflect on diverse Israeli approaches to water management, innovation and cooperation, in the Middle East and globally. Bringing together environmental practitioners, engineers and scientists, business innovators, investors, academics and other stakeholders, this conference will also explore the ways in which water-related innovation and cooperation can support peacemaking rather than perpetuate conflict in the Middle East.

Today's conference was inspired by the work of a student team from the Global Environmental Politics Program in the School of International Service, who last summer immersed themselves in studying the collective human response to serious transboundary water issues facing Israel and Palestine. In partnership with the Arava Institute for Environmental Studies and the Palestinian Wastewater Engineers Group (PWEG), the students interviewed Palestinians and Israelis, composed an impressive report and shared their insightful findings in 2013. It was clear to those who heard them that their report, and the issues they raised therein, deserved a much wider audience and forum for ongoing deliberation.

We would like to acknowledge the following sponsors for their generous support for today's Symposium:

AMERICAN UNIVERSITY:



» Environmental Science Program
(College of Arts and Sciences)

» Center for Environmental Film
Making (School of Communication)

» Global Environmental
Politics Program (School of
International Service)

» School of Professional and Extended
Studies (SPEX)

» William K. Reilly Fund, Center for
Environmental Policy (School of Public
Affairs)

» AU Office of Sustainability

OTHER SPONSORS:

Richard* and Lois England



(*deceased)

ISRAEL AND WATER: SCARCITY, INNOVATION AND COOPERATION
Tuesday, March 4, 2014 - American University

CONFERENCE AGENDA

8:00 a.m.	<i>Registration and Networking Breakfast sponsored by Maryland/Israel Development Center</i>
------------------	--

9:00 a.m.	<i>Welcome Remarks:</i> Scott Bass , Provost, American University Michael Brenner , Director, AU Center for Israel Studies Laura Cutler , Managing Director, AU Center for Israel Studies
------------------	---

9:15-10:15 a.m.	<i>Keynote Address: “The Perils of a Panacea: The Role of Water Technology in Resolving Conflict in the Middle East,” Dr. Alon Tal, Ben-Gurion University of the Negev</i>
------------------------	--

10:15-11:30 a.m.	Israeli Innovations in Water Technology: Case Studies <i>Moderator:</i> Professor Erran Carmel, Kogod School of Business Meital Stavinsky , Shareholder, Greenberg Traurig LLC, Israel Business Practice Amir Peleg , CEO, TaKaDu Phyllis Posy , VP, Atlantium Technologies Ian MacLeod , VP, Master Meter
-------------------------	--

11:30-12:00 p.m.	<i>Keynote Address: “Water Technology Innovation/Global Investment Trends” – Assaf Barnea, Investor and Entrepreneur, former CEO, Kinrot Ventures, Hutchinson</i>
-------------------------	---

12:00-12:45 p.m.	<i>Box lunch pickup/ Networking lunch</i>
-------------------------	---

12:45-1:30 p.m.	<i>Keynote Address: “Beyond Politics: Technology and Innovation in the Water – Food Nexus”, Ran Tal, General Counsel and Naty Barak, Chief Sustainability Officer, Netafim.</i>
------------------------	---

1:30-3:00 p.m.	Israeli-Palestinian Transboundary Water Cooperation <i>Moderator:</i> Professor Ken Conca, AU School of International Service Global Environmental Politics (GEP) Program Eric Abitbol , Professorial Lecturer, AU GEP and International Peace and Conflict Resolution (IPCR) Program Clive Lipchin , Director, Center for Transboundary Water Management, Arava Institute for Environmental Studies Monther Hind , Director, Palestinian Wastewater Engineers Group (PWEG) Heather Speight , Professional Engineer
-----------------------	---

3:00-3:15 p.m.	<i>Break</i>
-----------------------	--------------

3:15-5:00 p.m.	The Future of Water Cooperation in the Region - Facilitated Dialogue between invited guests and participants in the room. <i>Moderator:</i> Eric Abitbol, Professorial Lecturer, American University <i>Guests:</i> Jeff Sosland , AU School of Professional and Extended Studies, Alon Tal , Ken Conca; Clive Lipchin ; Monther Hind ; Christopher Clarke , Osprey Foundation; Heather Speight .
-----------------------	--

KEYNOTE SPEAKERS



Alon Tal is a faculty member at the Jacob Blaustein Institutes for Desert Research at Ben-Gurion University of the Negev. He was the founding director of Adam Teva Vadin (The Israel Union for Environmental Defense), Israel's leading environmental advocacy organization. In 1996, Prof. Tal founded the Arava Institute for Environmental Studies, a graduate studies center in

which Israeli, Jordanian and Palestinian students join environmentalists from around the world in an advanced interdisciplinary research program.

He represented Israel's Foreign Ministry at the United Nations Convention to Combat Desertification. Along with The Jacob Blaustein Institutes for Desert Research, the Convention organizes the International Conference on Drylands, Deserts and Desertification at Ben-Gurion University's Sede Boquer Campus.

Prof. Tal is currently leading a group of Israeli and Palestinian environmental researchers who are working together to test the area's water supply for potentially health-altering endocrine-disrupting chemicals. In 2013, he received a three-year grant from USAID's Middle East Regional Cooperation (MERC) Program to conduct this project. He also recently established The Tal Fund – a new grassroots ecological initiative in Israel in conjunction with the Jewish National Fund. Prof. Tal has published dozens of academic and popular articles. His most recent books are *All the Trees of the Forest*, *Water Wisdom*, *Speaking of Earth*, and *Before Pollution in a Promised Land*.

He has received degrees in political science and economics from the University of North Carolina, and a degree in law from Hebrew University in Jerusalem. He received his Masters and Doctoral degrees from the Harvard School of Public Health in Environmental Health Policy. Prof. Tal is currently a visiting professor on sabbatical at the Stanford University Center for Conservation Biology.

KEYNOTE SPEAKERS



Assaf Barnea is the former CEO of Kinrot Ventures, the leading seed investor in water technologies worldwide, which is privately held by Hutchison Water, in cooperation with the Israeli OCS (Office of the Chief Scientist). Hutchison Water, which acquired Kinrot Ventures in 2012 and designated close to \$30 Mil to its operation, is a division of Hutchison Whampoa group-an international corporation with a diverse array of holdings and operations in 60 countries. Kinrot Ventures holds a portfolio of 12 start-up companies and a strategic partnership with both GE Water and Singapore's national water company- PUB.

Previously, Mr. Barnea managed Business Development at Mekorot, Israel's national water company, where he oversaw the establishment of WaTech -the Entrepreneurship & Partnership Center for Water Technologies, a program which supports new innovative water technologies solutions that are relevant to Mekorot's daily operations.

Prior to Mekorot, he served for four years as a director of business development at Comverse Technology, Inc. (NASDAQ: CMVT), a global telecom provider. As part of his position in Comverse, he also acted as a Co Chairman of the Mobile Marketing Association. Mr. Barnea is also a founder and a board member of Cardiosense, a medical device startup company. He is a certified lawyer, holds both law and business degrees from the Interdisciplinary Center in Herzliya and a political science and psychology degree from Tel-Aviv University. In his previous career, Mr. Barnea played college basketball at Seton Hall University and professional basketball at Israel's top division and was a member of the Israeli national basketball team. On April 2013, Mr. Barnea was awarded with the Innovation Hero Award by the global Cleantech group.

KEYNOTE SPEAKERS



Naty Barak serves as Chief Sustainability Officer at Netafim, a global leader and pioneer of drip irrigation, delivering innovative irrigation solutions that increase crop yields and preserve water and land resources. Naty is also a member of the steering committee of the UN CEO Water Mandate, and active with the UN Global Compact.

Naty has been with Netafim since 1975. Previous to his present position he held various positions at Netafim, including Director of Marketing, Executive VP of Netafim USA, President of Netafim South Africa, Treasurer and more.

Naty studied International Relations and Political Sciences at the Hebrew University in Jerusalem, and is a graduate of the Executive Management Program at the Recanati Business School, Tel Aviv University. Naty is an active member of Kibbutz Hatzerim in the southern Israeli Negev desert. He serves on the kibbutz board of directors, the kibbutz management committee and the kibbutz economic committee.



Ran Tal has been General Counsel of Netafim since June 2007. He holds an LLB from the University of Haifa and an LLM from Hebrew University, Jerusalem. Mr. Tal was previously a partner at Herzog, Fox & Neeman and a Foreign Associate at Arnold & Porter in Washington, D.C.

SPEAKER BIOGRAPHIES



Eric Abitbol has 18 years' experience as a conflict transformation, sustainability and dialogue practitioner. Currently Professorial Lecturer at American University, he is one of several thought leaders and practitioners paving the field of environmental peacebuilding. His professional and theoretical work specialize in identifying and amplifying the peacebuilding potential and significance of water resources governance and development in conflict and post-conflict environments. Dr. Abitbol received his PhD from the University of Bradford's reputed Department of Peace Studies. Currently Dr. Abitbol is a Senior Fellow at the Institute for Research and Innovation in Sustainability (IRIS-York University) where he is leading a Peace and Conflict Impact Assessment (PCIA) initiative. His work has taken him to some 20 countries of the Global South and North, including South Africa, Bangladesh, Israel and Palestine.



Christopher S. Clarke, Ph.D., was trained as a historian and has worked in the museum field for much of his 30-year career. In 1998 he began consulting full-time as a strategic and interpretive planner for museums and for other non-profits, and more recently has expanded his practice to include private foundations. Since 2009 he has served as the administrative director of the Osprey Foundation's Middle East Water Initiative. He resides in Rochester, NY.



Ken Conca is a professor of International Relations in the School of International Service at American University, where he directs the Global Environmental Politics Program. His research and teaching focus on global environmental governance, environmental peacebuilding in war-torn societies, environmental politics and policy in the United Nations system, water governance, and environmental policy analysis. He is the author/editor of several books on international environmental politics, including *Governing Water*, *Confronting Consumption*, *Environmental Peacemaking*, *The Crisis of Global Environmental Governance*,

SPEAKER BIOGRAPHIES

and the widely used teaching anthology *Green Planet Blues*. Dr. Conca is a two-time recipient of the International Studies Association's Harold and Margaret Sprout Award for best book on international environmental affairs and a recipient of the Chadwick Alger Prize for best book in the field of International Organization. He is a member of the United Nations Environment Programme's Expert Advisory Group on Conflict and Peacebuilding. Dr. Conca earned his Ph.D. from the University of California, Berkeley. Prior to joining American University, he taught for 17 years at the University of Maryland.



Monther Hind is from Ramallah, and received an undergraduate degree in civil engineering (hydraulic section) from University Degli Studi del'Aquila - L'Aquila, Italy 1994. He worked under the support of the German Government as project manager of a large scale wastewater management project covering a comprehensive spectrum of environmental specialities related to water and sanitation, including the planning, design, tendering and supervision of construction of sewerage networks, pumping stations and wastewater treatment plants.

Since 1996 he has provided technical environmental services to local authorities with a focus on fund raising, planning, study and design of environmental projects, focusing on water, wastewater and solid waste management to support Palestinian National Authority strategies and plans.

In 2004 Monther created the Palestinian Wastewater Engineers Group (PWEG), aiming to support local and national authorities in better performing their environmental duties with a special focus on water resources protection. Since 2004 and under the PWEG, Monther has planned and coordinated more than 30 environmental projects. He is currently coordinating a food security project funded by the European Union to design and construct a 10 kilometers sewerage network, wastewater treatment plant, land reclamation, wastewater reuse irrigation scheme, and creation of a wastewater joint service council.

SPEAKER BIOGRAPHIES



Dr. Clive Lipchin serves as the Director of the Center for Transboundary Water Management at the Arava Institute for Environmental Studies in Israel. Born in South Africa and raised in Johannesburg, Dr. Lipchin received his first degree in applied psychology and zoology with an emphasis on wildlife management on big game farms.

Clive immigrated to Israel in 1991 and received a master's degree in desert ecology from the Ben-Gurion University of the Negev. He received a doctoral degree in resource ecology management from the University of Michigan. The focus of Clive's PhD was public perceptions and attitudes towards water scarcity in Israel. Clive joined the faculty of the Arava Institute in 2003 where he teaches a multidisciplinary course on water management in the Middle East.

Clive oversees research projects, workshops and conferences that focus on transboundary water and environmental problems facing Israel, Jordan and the Palestinian Authority. His specialty is in water resources management and policy. Currently, Clive is coordinating the TransBasin—Transboundary Water Basin Management Project funded by the International Research Staff Exchange Scheme of the European Union. This project brings together researchers from Europe and the Middle East to study conflict and cooperation in river basin management and to identify the principles and mechanisms that both promote and hinder cooperation in river basins in Europe and the Middle East. Clive is also coordinating a USAID funded project on mitigating transboundary wastewater conflicts between Israel and the Palestinian Authority and is conducting research on watershed-based management and restoration of cross-border streams in Israel/Palestine.

Clive has published and presented widely on the topic of transboundary water management in the Middle East.

SPEAKER BIOGRAPHIES



Ian MacLeod is VP Marketing for Master Meter, Inc., a wholly-owned subsidiary of Israel-based Arad Group, Inc., a leading provider of water utility metering technologies and meter data management solutions. For over a decade, MacLeod has served in both Territory Sales Management and Product Marketing Management capacities for other water industry organizations prior to heading Master Meter's marketing department. MacLeod authored a report for Canada's premier engineering publication, and presented internationally on advanced metering infrastructure technologies. MacLeod is a graduate of the University of Southern California in Los Angeles, and holds a special Diploma in International Studies from Waseda University, Tokyo, Japan.



Amir Peleg is the Founder and CEO of TaKaDu, the Water Network Management pioneer. TaKaDu's Software-as-a-Service (SaaS) solution transforms the way water networks are operated and managed and is used by water utilities worldwide to efficiently manage their water networks. Amir is also the Chairman of SWAN, the Smart Water Networks Forum, a global industry organization bringing together the key voices in the smart water space.

Since its inception in early 2009, TaKaDu has been recognized as one of the most innovative companies in the water sector, using cutting edge data analytics to save water, energy and other resources. TaKaDu has won numerous awards, including the World Economic Forum Technology Pioneer award and the 2013 Sustainia Award.

Amir is a successful serial entrepreneur. In 2005, he founded YaData, a Behavioral Targeting company and served as CEO until the company's acquisition by Microsoft in early 2008. In 1999, he founded Cash-U (later named Unipier) in the Mobile Entertainment field.

Amir holds a B.Sc. in Mathematics, Physics, and Computer Science from the Hebrew University of Jerusalem (via the IDF TALPIOT program) and an MBA from INSEAD, Fontainebleau, France.

SPEAKER BIOGRAPHIES



Phyllis Posy has been designing, validating and implementing user-friendly systems for several decades. In her current position, she works with strategic clients to update their UV standards and educates state governments and regulators on innovations in sustainable UV technology.

She serves on the committee of the IAFP (International Association for Food Protection) and is a member of the FSPCA Working Group (Food Safety Preventive Controls Alliance), the IDFA and the IUVA, where she has served on the Board of Directors since 2006.

In Phyllis's previous positions, she obtained Chinese government approval for a new rice seed hybridization technology, produced and directed financial TV programs, designed user-centered systems for testing attack helicopters, business-to-business internet exchanges, supply chain management, and for U.S. Internal Revenue Service communications. Phyllis holds a B.A. in pre-med from Stern College for Women and an M.Sc. in Journalism from Northwestern University.



Jeffrey Sosland is an Assistant Professor of Global Economics and Business at American University's Washington Semester Program (School of Professional and Extended Studies). The focus of his research is the politics of water scarcity and the political economy of the Middle East. He has published numerous academic works, including a book on water scarcity and the Arab-Israeli conflict, *Cooperating Rivals: The Riparian Politics of the Jordan River Basin*. He has served as an adviser to a foreign ambassador, drawn citations on the Op-Ed page of the *Wall Street Journal*, presented research at the US State Department, appeared on C-SPAN and testified before the Nuclear Regulatory Commission. He earned his B.A. from Harvard and his Ph.D. from Georgetown University.

SPEAKER BIOGRAPHIES



Heather Speight is a licensed Professional Engineer with experience in transboundary watershed management and ecosystem restoration. She has a BS in Civil Engineering from the University of Dayton and an MA in International Peace and Conflict Resolution from American University with an emphasis in environmental peacebuilding. Heather

recently participated in a team-based research initiative to study water, cooperation, and peace in the Middle East.



Meital Stavinsky is a shareholder at Greenberg Traurig LLC in Miami, FL. Her practice focuses on government relations. She primarily advises Cleantech companies in the areas of renewable energy, alternative fuel transportation and infrastructure, energy efficiency, water and waste treatment, green materials and green buildings. Meital

has worked on U.S. congressional and federal legislative matters as well as with various federal agencies such as the Department of Energy, the Environmental Protection Agency and the Department of Agriculture. As the coordinator of the Corporate and Securities Israeli practice development and initiatives from a business perspective, Meital assists Israeli companies seeking to enter the U.S. market and expand their operations in the States. There has been proven success as these Israeli companies have been matched with strategic partners, potential joint ventures and other business-to-business connections. Meital often serves as a speaker at conferences and seminars in the United States and Israel on Cleantech and Israel-related matters.

MODERATORS AND OTHER PRESENTERS



Michael Brenner is Seymour and Lillian Abensohn Chair in Israel Studies and director of the Center for Israel Studies at American University in Washington, D.C. He is also Professor of Jewish History and Culture at the Ludwig Maximilians University in Munich and serves as International President of the Leo Baeck Institute. He is currently working on different concepts of a Jewish state from Herzl to the present. His previous books include *A Short History of the Jews* and *Zionism: A Brief History*.



Erran Carmel (*moderator*) is an expert on the globalization of technology work, especially global sourcing. He is the author of three books including his latest *I'm Working While They're Sleeping*. In 2002 he co-wrote one of the first reports on the success of Israel's nascent tech sector titled: "Silicon Wadi: the forces behind cluster formation." He is a professor in the department of Information Technology at the Kogod School of Business at American University. In the 1990s he co-founded and led the program in Management of Global Information Technology. He has been a Visiting Professor at Israel's University of Haifa several times.



Laura Katz Cutler is thoroughly enjoying her second career as Managing Director of the Center for Israel Studies at American University. A former vice president of Wells Fargo Bank in San Francisco, in the Asset Strategy Department, Ms. Cutler moved to Washington in 1994. As a community activist and active member of the Washington, DC Jewish community she has been a tireless advocate for innovation in Jewish education. She serves on a number of local and national boards, including as past chairman of the board of PANIM: The Institute for Jewish Leadership and Values, now a part of BBYO. She holds a M.A. in international relations from The Johns Hopkins School of Advanced International Studies.

MODERATORS AND OTHER PRESENTERS



Richard G. Linowes is building the unique Sustainability Management program at the Kogod School of Business at American University, producing graduates to help the world adjust to climate change. He has researched global organizations and how they adjust to cultural differences. As Kogod Outstanding Professor of Undergraduate Programs. He teaches strategy, global entrepreneurship and cross-cultural leadership. He has a D.B.A. from Harvard Business School, M.S. from the University of Michigan in computer and communication sciences, and A.B. from Princeton University in cybernetics. Dr. Linowes' professional management experience includes several years with Accenture and executive roles at Goldman Sachs, where he helped to plan the firm's international expansion and protect itself from risk. Since returning to university life, he served as an evaluator for the Baldrige National Quality Award, and taught with the director of the Baldrige National Quality program. He was visiting professor at Ritsumeikan University in Kyoto, Japan in 2010.

Dr. Linowes' research focuses the globalization of management and the challenges of managing cross-culturally. He develops innovative approaches to management education and was a Fulbright Scholar for pedagogical innovation. For ten years Dr. Linowes taught entrepreneurship in Israel.

A team of students led by Kogod Professor Richard Linowes created displays along the walls of the conference, depicting the technological innovations and businesses of some of the leaders in the Israeli water sector, as well as regional factsheets, statistically depicting water realities in Israel and the Palestinian West Bank and Gaza Strip. The companies are listed below with their website contacts. The symposium organizing committee wants to particularly thank the members of the Business Advisory Committee for their keen insights into these companies.

RESOURCE	COMPANIES PROFILED IN DISPLAYS	
Water		
Desalination	Rotec	rotec-water.com
	IDE Technologies	ide-tech.com
Management	Desalitech	desaltech.com
	TaKaDu	takadu.com
	Tahal Group	tahal.com
	Hydrospin	hydrospin.net
	Nirosft	nirosoft.com
	LeakStop	leakstop.com
	Miya	miya.com
	CuraPipe	curapipe.com
	Whitewater Technologies	w-water.com
	Mater Meter	mastermeter.com
Cleanup	Peak Dynamics	peak-dynamics.com
	Emefcy	emefcy.com
	Mapal	mapal-ge.com
	Tahal Group	tahal.com
	Aqwise	aqwise.com
	Diffusair	diffusaire.com
	Amiad	amiad.com
	Elcon Recycling	elconrecycling.com
	Atlantium	atlantium.com
	Odis Filtering	odis.com
Irrigation	Netafim	netafim.com
	Tahal Group	tahal.com

SYMPOSIUM ORGANIZING COMMITTEE

Eric Abitbol, Global Environmental Politics Program, International Peace and Conflict Resolution, School of International Service (SIS)
Dan Arbell, AU Center for Israel Studies
Michael Brenner, AU Center for Israel Studies
Michael Brody, AU School of Public Affairs (SPA)
Erran Carmel, Kogod School of Business, Information Technology
Albert Cheh, Department of Environmental Science
Ken Conca, Global Environmental Politics Program (SIS)
Laura Cutler, AU Center for Israel Studies
Daniel Fiorino, Center for Environmental Policy (SPA)
Josh Kaplan, AU Office of Sustainability
Richard Linowes, Kogod School of Business, Entrepreneurship
Chris Palmer, Center for Environmental Film Making (SOC)
Jeffrey Sosland, AU Washington Semester Program, International Business

BUSINESS ADVISORY COMMITTEE

Embassy of Israel – Anat Katz and Haim Haviv
Greenberg Traurig LLC – Meital Stavinsky
Israel Cleantech Ventures – Jack Levy and Ariella Grinberg
Maryland/Israel Development Center - Barry Bogage
Sullivan and Worcester – Leonard Miller and Jeffrey Karp
U.S. Israel Science and Technology Foundation - Ann Liebshutz and Eve Copeland
Virginia Israel Advisory Board (Office of the Governor) - Ralph Robbins

ISRAEL WATER COMPANY AND REGION RESEARCH TEAM

Professor Richard Linowes
Jessica Antopol
Mariana Correa
Alex Finkielstein
Aaron Foster
Karly Kiefer
Nabeelah Muhammad
Noah Nuñez-Gross
Giang Phan
Sahar Salameh
Lee Shriki
Sarah Staubinger
Chen Vaisbord
Rachel Wolf

COMMUNITY PARTNERS

Congregation Beth El of Montgomery County, Greater Washington Forum on Jewish Arab Issues, Jewish Community Relations Council, Jewish Federation of Greater Washington, Jewish National Fund (JNF), Project Interchange, Washington Hebrew Congregation

CONTACTS

Center for Israel Studies

American University
4400 Massachusetts Avenue, N.W.
Washington, DC 20016-8072
Tel. 202-885-3780
Email: cutler@american.edu
Web: <http://www.american.edu/cas/israelstudies>

American Associates, Ben-Gurion University of the Negev (AABGU)

4800 Hampden Lane, Ste 200
Bethesda, MD 20814
Tel. (240) 482-4833
Email: kwaranch@aabgu.org
Web: <http://www.aabgu.org>

Friends of the Arava Institute

896 Beacon Street
Boston, MA 02215
Tel. 617-266-7100
Email: info@friendsofarava.org
Website: - <http://arava.org/>

ISRAEL AND WATER:

Scarcity, Innovation and Cooperation



PHOTOS COURTESY OF BEN-GURION UNIVERSITY OF THE NEGEV



AMERICAN UNIVERSITY
WASHINGTON, D.C.