

IN THE NEWS

AUGUST 2019



BBC Features MIT Ag Spray Innovation

Learn from J-WAFS PI Kripa Varanasi about how his technology could save groundwater from toxic runoff.

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Can We Really Drink the Ocean?

J-WAFS director John Lienhard contributed to this educational video about desalination, its challenges, and opportunities.

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Water Infrastructure: How Big to Build It?

Find out how the research of J-WAFS fellow Sarah Fletcher PhD '18 can support cities in planning water infrastructure projects for uncertain climate futures.

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MIT Pitches In at National Teen Water Research Competition

Two MIT Water Club members served as judges of the 2019 Stockholm Junior Water Prize, sponsored by J-WAFS Research Affiliate company Xylem, Inc.

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Saying Goodbye To MIT Prof and Food Science Pioneer

MIT honored Professor Marcus Karl PhD '60 — a renowned MIT food systems innovator — in an obituary that covers his decades-long career.

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J-WAFS Welcomes New Communications Assistant

Lisa Miller, in her fourth year at Northeastern Univ. and studying biology and English, joins the J-WAFS team.

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IN-DEPTH LOOK

SUPPORTING MIT'S WATER SUSTAINABILITY

Following the Current: MIT Examines Water Consumption Sustainability

The stress on the world's water supplies from climate change and other social and economic factors is provoking action across an array of public and private sector entities. At MIT, students and researchers—many supported by J-WAFS—have been working to ensure access to clean and sustainable sources of drinking water well into the future. MIT is now also taking steps to respond with a close examination of its own campus water consumption.



A working group on campus water use, led by the MIT Office of Sustainability (MITOS) and the MIT Department of Facilities, is being supported by J-WAFS along with other offices, students, and campus leaders. And, at the same time as this initiative is rethinking campus water management practices, MIT student clubs are raising local consciousness around drinking water issues via research and outreach activities. Read how the Institute aims to update its water management

practices to prepare for droughts, sea level rise, and other risks posed by the climate crisis.

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EVENTS

FOOD & WATER



Xylem, Inc. Panel on Inclusion in the Water Industry

Aug. 27 / 7:15 - 8:45 AM / Stockholm World Water Week

MechE PhD candidate Hilary Johnson is moderating an upcoming panel on women in the water industry at Stockholm World Water Week. [MORE INFO](#)



North East Graduate Student Water Symposium

Sept. 6 - 8 / All Day / University of Massachusetts Amherst

Graduate students interact with government and industry professionals to discuss research in water engineering, resources, science, and policy. [MORE INFO](#)



Join the MIT Water Club (MIT ONLY)

This student club focused on water sector research and innovation invites MIT undergraduates and graduate students from any discipline to join their club for the 2019-2020 year. Sign up for their e-list to find out more. [MORE INFO](#)



Join the MIT Food and Agriculture Club (MIT ONLY)

This student club focused on food and agriculture systems research and innovation invites MIT undergraduates and graduate students from any discipline to join their club for the 2019-2020 year. Sign up for their e-list to find out more. [MORE INFO](#)

FUNDING

AND OTHER OPPORTUNITIES

MIT-IIT Ropar Seed Fund (J-WAFS Grant)

Deadline: Sept. 16, 2019

[MIT only, with IIT Ropar](#)

Seed grant of up to \$30K in support of collaborative research projects focusing on water, food, and agriculture in India.

Lemelson-MIT Student Prize

Deadline: Sept. 27, 2019

[Open to all students](#)

Individuals and student teams may apply for awards of up to \$15K for prototypes and tech-based inventions in food, water, and agriculture, among other categories.

MORE INFO

Desalination Challenge Research RFPs

Deadline: Sept. 1, 2019

Open to All

MEDRC and USAID grants of up to \$700K for small-scale desalination units.

MORE INFO

MORE INFO

Grant from Farmers Advocating for Organic (FAFO)

Deadline: Sept. 1, 2019

Open to All

\$5-\$50K grants available for research, innovation, and advocacy projects that support the organics industry.

MORE INFO

INTERESTED IN SUPPORTING J-WAFS?

When you make a gift, you are making an investment in both the future of J-WAFS and our Institute-wide work to improve the productivity, accessibility, and sustainability of the world's water and food systems.

[DONATE ONLINE](#)

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J-WAFS is an Institute-wide effort that brings MIT's unique strengths to bear on the many challenges our food and water systems face.

Our program catalyzes MIT research, innovation, and technology for ensuring safe and resilient supplies of water and food while reducing environmental impact, to meet the local and global needs of a rapidly expanding and evolving population on a changing planet.

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