

IN THE NEWS

NOVEMBER 2019



Working To Build Resilient Food Systems

J-WAFS report launches an institutional partnership addressing how the climate crisis will affect food systems.

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Disrupting the Food Safety Industry

PI Tim Swager on how his J-WAFS-supported handheld sensor could revolutionize food safety monitoring.

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On Desalination's Costs vs. its Benefits

J-WAFS director John Llenhard discusses the critical need for advances in low-carbon desalination in *Discover Magazine*.

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Untangling the Intractable Problems of the Climate Crisis

PI Chris Knittel outlines five reasons climate challenges are so hard to solve in this *LA Times* OpEd.

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J-PAL Co-Directors Honored with Nobel

MIT economists Esther Dufflo and Abhijit Bannerjee were recognized for their antipoverty research, including research focused on water and food challenges.

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[New Deadline] J-WAFS Grant on Industrial Animal Ag

J-WAFS is still accepting proposals for MIT research that reduces the negative impacts of industrial animal agriculture. (*Details under "funding" below.*)

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J-WAFS Welcomes New Team Member

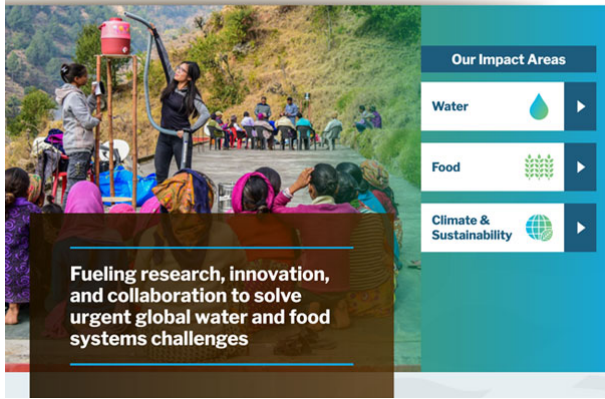
Welcome to Rob Ellison who, as director of external relations, will help us grow our Research Affiliate program and other external engagements to extend our water and food systems research capacity.

[READ MORE](#)

The J-WAFS Website Has a New Look

Explore our new look and greatly expanded online content about J-WAFS research and impact.

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IN-DEPTH LOOK

J-WAFS & XYLEM SUPPORT STUDENT CAREER DEVELOPMENT

Powerful Career Networking and Insights Result from MIT Student Engagement with Xylem, Inc.

“The hype is real,” recalls Sophia Wu, SM candidate in the Technology and Policy Program at MIT, capturing her first impressions of World Water Week in Stockholm, Sweden. “Walking from the train station to the conference site that first day was so exciting. Everyone there was passionate about the same thing I am: water.”

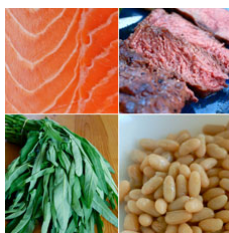


Sophia joined three other MIT graduate students at World Water Week this year thanks to the support of J-WAFS and our Research Affiliate [Xylem, Inc.](#) Xylem has been a strong advocate for MIT student learning and growth opportunities since the beginning of its partnership with J-WAFS in 2016. Find out more about their MIT student engagement at and beyond World Water Week, including career opportunities, strategic relationships, and new insights that are sure to last a lifetime.

[READ MORE](#)

EVENTS

FOOD & WATER



The Future of Protein (Co-Sponsored by J-WAFS)

Nov. 12 / 4 PM / 610 Main Street, Cambridge, MA

Join Bayer, J-WAFS, and Prof. Tony Sinskey of MIT in this networking event addressing ways that innovation is transforming the future of protein. [MORE INFO](#)



2019 MIT Water Summit: Drowning in Plastic

Nov. 21 - 22 / All Day / Wong Auditorium, MIT campus

Join researchers, policy makers, and industry professionals to discuss ways to address plastic pollution in our water systems. [MORE INFO](#)



MIT Water Innovation Prize Kick-off (Co-Sponsored by J-WAFS)

Nov. 21 / 6 - 8 PM / Tang Center, 70 Memorial Drive, MIT

Join the MIT Water Club to launch its international student startup competition focused on water innovation. [MORE INFO](#)

Building Climate Resilience into Infrastructure

Nov. 22 / 8-11:45 AM / 1 Beacon Street, 32nd Floor, Boston

Discuss water and sewer system planning, energy, and environmental conservation methods to promote climate resilience at this half-day symposium. [MORE INFO](#)



New England Water Innovation Network Gala
Dec. 4 / 6 - 10 PM / MIT Museum, Cambridge

Celebrate the successes of members of New England's water innovation ecosystem with professionals in the field. (Contact J-WAFS for promo codes.) [MORE INFO](#)



Social Innovation Ecosystems for Ag (Co-Sponsored by J-WAFS)
Dec. 10 / 4 PM / 610 Main Street, Cambridge, MA

Join Bayer and J-WAFS in this networking event addressing how social innovation ecosystems are supporting advances in agriculture. [MORE INFO](#)

FUNDING
AND OTHER OPPORTUNITIES

J-WAFS Grant on Reducing Impacts of Industrial Animal Ag

***New Deadline*: Nov. 18**
(MIT Only)

Implementation grants of up to \$25K to support research projects that address problems associated with industrial animal food production.

[MORE INFO](#)

Pitch Your Water Startup Idea at MIT

Deadline: Nov. 20
(Open to All Students)

Pitch both early-stage and established startup ideas at the Water Innovation Prize kick-off dinner on 11/21 at MIT.

RSVP Via Email:
waterinnovation@mit.edu

Co-Organize The MIT Water Hackathon

Rolling Deadline
(Open to MIT Students)

Join the MIT Water Club's organizing committee for MIT's first water hackathon.

[MORE INFO](#)

MIT Policy Lab Grant

Deadline: Dec. 6
(MIT Only)

Grants of up to \$10K to support the translation of MIT research into materials and other strategies to influence policy.

[MORE INFO](#)

Sustainable Food & Garden Fellowship

Rolling Deadline
(MIT Only)

Part time student fellowship with the MIT Office of Sustainability supporting work on MIT's food policies and the new Saxon Sustainability Garden.

[MORE INFO](#)

ASU Professorship in Water Purification

Deadline: Dec. 16
(Open to All)

Engineering professor position (all ranks) at Arizona State University focusing on water purification processes and technologies.

More Info Via Email:
p.westerhoff@asu.edu - or -
candace.chan@asu.edu

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](#)

[FOR MORE INFORMATION
ABOUT SPONSORSHIP OPPORTUNITIES, CONTACT](#)

RENEE J. ROBINS

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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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