

IN THE NEWS

SEPTEMBER 2019



J-WAFS is on Social Media

You can now find J-WAFS on various social media platforms. Follow us on:

[Twitter](#) / [LinkedIn](#) / [Instagram](#) /
[Facebook](#) / [YouTube](#)

J-WAFS Launches Grant on Industrial Animal Ag

J-WAFS has received a gift to support new grants of up to \$25K for projects that reduce the negative impacts of industrial animal agriculture. (*Details under "funding" below.*)

[READ MORE](#)

Scaling Up Graphene Membrane Desalination

Read *Physics Today* on how previous J-WAFS grantees are seeking to transform reverse osmosis membranes by working small.

[READ MORE](#)

MIT Startup Wins 2019 Urban Water Challenge

WatchTower Robotics, a startup focused on detecting urban water pipe leaks, was one of three awardees of this global-scale innovation prize.

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Xylem, Inc. Recognized for Changing the World

J-WAFS Research Affiliate Xylem, Inc. made *Fortune Magazine's* "Change the World" list for the second year in a row.

[READ MORE](#)



A Renewable Water Bottle Welcome for Freshman

J-WAFS joins with six other MIT DLCs to encourage sustainable water consumption.

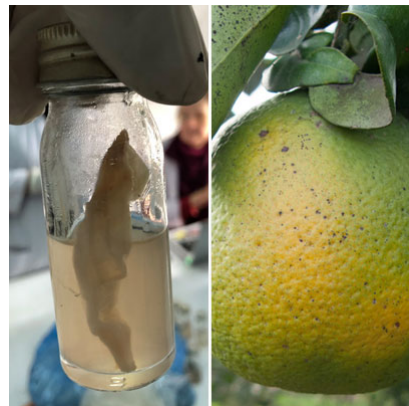
[READ MORE](#)

IN-DEPTH LOOK

2019 J-WAFS SOLUTIONS PROJECTS

Announcing: 2019 Commercialization Grants Supporting Agriculture and Clean Water

The development of new technologies often starts with funded university research. Venture capital firms are eager to back well-tested products or services that are ready to enter the startup phase. However, funding that bridges the gap between these two stages can be hard to come by. J-WAFS aims to fill this gap—and support the resilience of the world's water and food systems—with the J-WAFS Solutions grant program. As our director John Lienhard puts it, "through the J-WAFS Solutions program, we aim to leverage MIT's entrepreneurial spirit to ensure that the water and food needs of our global human community can be met sustainably, now and far into the future."



We have just announced the two J-WAFS Solutions grants that have been awarded this year. One is a newly funded project using sensors to improve the resilience of the citrus industry. Another—receiving a renewal grant—is applying MIT's entrepreneurial approach to sensors that support clean water access in Nepal. Three additional projects, each in the agriculture sector and funded by previous grants, are also continuing this year. All together, these J-WAFS Solutions projects

comprise a portfolio of MIT technologies that are helping to resolve water and food challenges across the world.

[READ MORE](#)

EVENTS

FOOD & WATER



Graphic Artist Sarnath Banerjee on Telling the Story of Water

Sept. 19 / 12 PM / E15-207, MIT Campus

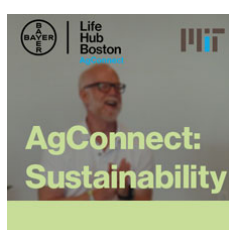
MIT artist in residence Sarnath Banerjee kicks off his MIT workshop series focused on water and the environment with this artist's talk. [MORE INFO](#)



Xylem, Inc. Kicks Off MIT Water Club Lecture Series

Sept. 19 / 6 PM / 3-370, MIT Campus

Find out how J-WAFS Research Affiliate Xylem, Inc. applies cutting edge research and technology to its water infrastructure projects. [MORE INFO](#)



J-WAFS Co-sponsors AgConnect Kick-Off Event

Sept. 25 / 4 PM / 610 Main Street, Cambridge, MA

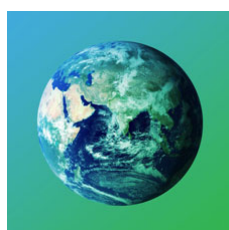
Join Bayer and J-WAFS in this networking and discussion-focused event addressing sustainability in agriculture. [MORE INFO](#)



NEWIN Water Pitch Night: Advanced Manufacturing and Water

Sept. 26 / 5 PM / 600 Atlantic Avenue, Boston, MA

Discuss the impact of advanced manufacturing on water technology innovation and product development with the New England Water Innovation Network. [MORE INFO](#)



MIT Climate Action Symposium: Progress in Climate Science

Oct. 2 / 1 PM / Building W16, MIT campus

Attend the first of six climate-focused symposia hosted at MIT that aim to help facilitate the necessary transition to a low-carbon economy. [MORE INFO](#)

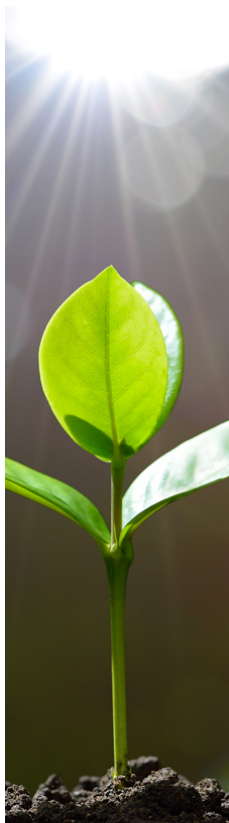


2019 MIT Water Summit: Drowning in Plastic

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

Save the dates for the next MIT Water Club summit on the challenges created by plastic pollution in our water systems as well as solutions. [MORE INFO](#)

Save the Dates: J-WAFS Co-sponsors AgConnect Event Series



J-WAFS has teamed up with Bayer and LifeHub Boston to produce a sustainability event series focused on agriculture that is aimed at connecting the MIT research community with members of the innovation ecosystem around Boston.

Save the dates for upcoming events in the series. Additional details about each theme and associated presenters will be included in upcoming J-WAFS newsletters.

Upcoming events

Oct. 22: Technology and Smallholder Farming Practices

Nov. 12: The Future of Protein

Dec. 10: Social Innovation Ecosystems for Agriculture

[More info about the AgConnect Sustainability Series](#)

FUNDING AND OTHER OPPORTUNITIES

J-WAFS Grant on Reducing Impacts of Industrial Animal Ag

Deadline: Oct. 10, 2019

MIT Only

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

[MORE INFO](#)

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](#)

Food Systems 6 Startup Support Program

Deadline: Oct. 15, 2019

Open to All

Apply for this program providing early stage mentorship support for entrepreneurs tackling food systems challenges and \$25K in startup funding.

[MORE INFO](#)

Imagine H2O Water Innovation Accelerator

Open to All

Register your company with this accelerator program in order to be eligible for their 2020 programs including: the Urban Water Challenge, Imagine H2O Asia, and Imagine H2O Accelerator.

[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

FOR MORE INFORMATION
ABOUT SPONSORSHIP OPPORTUNITIES, CONTACT

RENEE J. ROBINS
Executive Director, J-WAFS
rrobins@mit.edu or (617) 324-6726



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.

Abdul Latif Jameel Water and Food Systems Lab
Massachusetts Institute of Technology
77 Massachusetts Avenue, E70-1278
Cambridge, MA 02139
E: jwafs@mit.edu
P: (617) 715-4222
W: jwafs.mit.edu

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