

## IN THE NEWS

AUGUST 2018



### J-WAFS Awards Two 2018-2019 Fellowships

Krithika Ramchander and Andrea Karin Beck, our new graduate fellows, are taking on water access challenges.

[READ MORE](#)

### Providing Drinking Water from Air

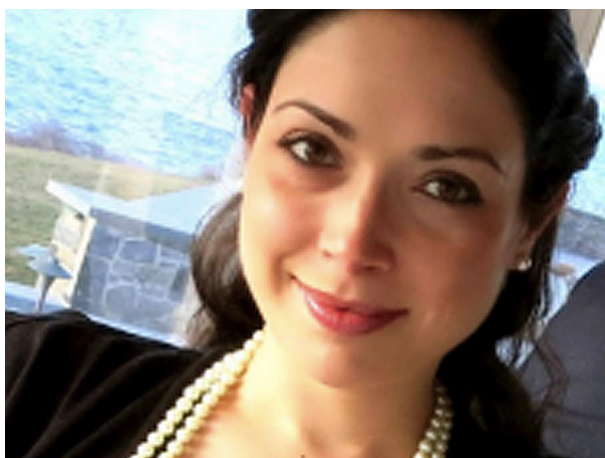
Watch this video about a new device being developed by J-WAFS PIs Evelyn Wang and Mircea Dinca.

[READ MORE](#)

### A Solution for Urban Stormwater Flooding

These J-WAFS-supported engineered wetland designs could satisfy cities' stormwater purification, biodiversity, and urban space needs.

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### Staff Spotlight: Maren Cattonar

Introducing J-WAFS' new Director of External Relations, startup founder and strategic advisor Maren Cattonar.

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### J-WAFS Welcomes First NEU Co-op Student

Elia Knieriemen, Northeastern U. senior studying international affairs and food sustainability, joins the J-WAFS team.

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## IN-DEPTH LOOK

THE RISKS OF VIRTUAL WATER

### Water Management: Global Risks, Local Solutions

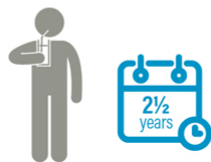
For nations without sufficient or reliable local water sources, the global market can be a ticket to food and water security. These nations import food and goods, and in doing so, access “virtual water” ([discussed in the June issue of our newsletter](#)). The growing inter-dependence of nations

through the virtual water trade, however, poses its own risks.

It Takes 2,700 Liters of Water to Make One Cotton Shirt



Enough Water for One Person to Drink for 2½ Years



Current resource management regimes may not be adequate as pressures from climate uncertainty and population rise, even in places where water is currently abundant. Find out more about the global virtual water trade—as well as its risks and impacts—in this article by MIT CEE PhD student Anjali Jain Figueroa.

[READ MORE](#)

## EVENTS

FOOD & WATER



### Save the Date: Thirsty Cities Conference at MIT

**Nov. 15-16 / Location TBD**

The MIT Water Club's Water Summit is coming this fall! Attend and delve into the unique water challenges facing cities from around the globe. [MORE INFO](#)



### Save the Date: Water Innovation Prize Kickoff Dinner

**Nov. 15 / 6 PM / MIT Media Lab, 6th Fl.**

Join the MIT Water Club to hear student pitches on cross-sector solutions to global water challenges at the launch of the MIT Water Innovation Prize. [MORE INFO](#)



### Join MIT Student Clubs and Build MIT's Water and Food Research Community

MIT's student groups devoted to water and food are seeking new members. These groups—comprised of driven and passionate campus leaders—offer opportunities for professionalization, networking, and community building. Find out more and get involved!

MIT Water Club [MORE INFO](#)

MIT Food and Agriculture Club [MORE INFO](#)

## FUNDING

AND OTHER OPPORTUNITIES

### MassCEC Catalyst Program for Clean Water Technologies

**Deadline: September 24, 2018**

**\$65K Commercialization Grants**

Working on a technology at the water-energy nexus? Submit to the Massachusetts Clean Energy Center's Catalyst Program.

[MORE INFO](#)

### Explore MIT Innovation and Entrepreneurship Resources

**Grants, Internships, and Programs (MIT Only)**

Curious about how MIT's innovation ecosystem supports research in water and food? MIT's Innovation Initiative documents campus resources here.

[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**

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

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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