

## IN THE NEWS

FEBRUARY 2020



### Reducing Crop Spoilage with Bricks

New J-WAFS-supported tech developed with farmers in Western India is increasing livelihoods.

[READ MORE](#)

### Addressing Food Systems at a Workshop on Resilience

J-WAFS' Greg Sixt presented on the new Alliance for Climate Change and Food Systems Research at an MIT workshop.

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### Passion for Water Research at NEWEA Poster Competition

Highlights of research by undergraduate students from across New England addressing global water challenges.

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### MechE Alumna's Clean Water Solutions in China

Charlene Ren's startup MyH2O uses grassroots strategies to chart water quality in Chinese villages.



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## IN-DEPTH LOOK

2020 J-WAFS VISITING SCHOLAR

### **Accounting for Water: New Interdisciplinary Approaches Help Increase Water Productivity on Farms**

Starting mid-February, J-WAFS will be welcoming a new visiting scholar from Adelaide, Australia, Joanne Tingey-Holyoak. Dr. Tingey-Holyoak is a senior lecturer and researcher in sustainable engineering in the Accounting and Law Group at the Centre of Sustainability Governance at the University of Southern Australia (UniSA) Business School. She is a



certified practicing accountant as well as a certified professional agronomist, and she brings these two professional and disciplinary approaches together with her passion for water in order to develop tools to improve water management practices at the farm scale as well as the international level. Her goal is to improve decision support resources for farmers and policy makers by developing tools and metrics that result in more effective local and international water conservation practices and policies.

In this interview, Dr. Tingey-Holyoak discusses her research including WaterLink, a new decision-support tool that combines farmers' financial data with information from field sensors to inform better water management practices.

[READ MORE](#)

# EVENTS

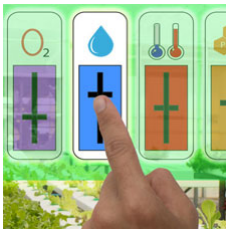
FOOD & WATER



## Cleantech Startups: Navigating the Mass Cleantech Landscape

**Feb. 10 / 5:30 - 9 PM / 155 Seaport Boulevard, Boston**

This MIT Enterprise Forum event connects startup founders in green tech (water- and food-related startups included), with support mechanisms. [MORE INFO](#)



## Decision Support Tools for Water Management in Agriculture

**Feb. 18 / 11 AM / E51-275, MIT \*Open to the public\***

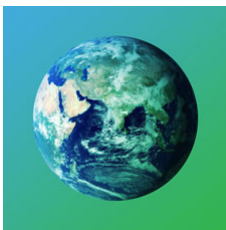
At this J-WAFS event, Dr. Joanne Tingey-Holyoak will discuss how using farmers' financial, soil moisture, & climate data together helps water efficiency. [MORE INFO](#)



## Managing Water Storage & Runoff Safely and Sustainably

**Feb. 25 / 11 AM / E51-275, MIT \*Open to the public\***

At this J-WAFS event, Dr. Joanne Tingey-Holyoak will address how accounting-informed practices can manage ag runoff and help the environment. [MORE INFO](#)



## MIT Climate Action Symposium: Deep Decarbonization

**Feb. 25 / 5 - 8 PM / Wong Auditorium (E51), MIT**

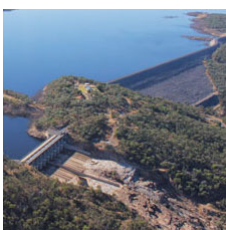
Explore pathways to scalable, affordable, low-carbon fuels and large-scale carbon capture and utilization with experts at and beyond MIT. [MORE INFO](#)



## Underwater Underwriting: Flood Insurance in the Age of Climate Change

**Feb. 28 / 7:15 - 11:45 AM / UMass Club, 1 Beacon St, Boston**

Discuss concerns at the intersection of flood insurance, risk management, and environmental justice with community organizers and policymakers. [MORE INFO](#)



## Creating a Tool for Global Dam Safety Management

**Mar. 3 / 11 AM / E51-275, MIT \*Open to the public\***

At this J-WAFS event, Dr. Joanne Tingey-Holyoak will address how legal, technical, & financial considerations can be used for water regulation. [MORE INFO](#)



### Legislative Breakfast on the State of Our Waters

Mar. 31 / 9:45 AM - 1 PM / Massachusetts State House, Boston

At this public event, join the Watershed Action Alliance and state legislators to discuss water quantity, quality, and connectivity across MA. [MORE INFO & RSVP](#)



### Corporate Venturing Forum in the Water Tech Nexus

Apr. 1-2 / All day / Storrs, Connecticut

WaterVent is the first matchmaking platform connecting water technologies and startups to investors. [MORE INFO](#)



### MIT Water Night (Co-sponsored by J-WAFS)

Apr. 21 / 6 - 9 PM / Walker Memorial, 142 Memorial Drive, MIT

Explore water challenges and solutions through science, innovation, and art at this family-friendly MIT Water Club event. [MORE INFO](#)



### MIT Water Innovation Prize (Co-sponsored by J-WAFS)

Apr. 22 / 6 - 9 PM / Location TBD

Water solutions-focused student startups from around the world will compete for cash prizes at this MIT Water Club event. [MORE INFO](#)



### MIT Sustainability Summit: Food for Thought

Apr. 24 / 8 AM - 4:30 PM / Samberg Conference Center, MIT

Learn about sustainability challenges across the food system and explore solutions at this MIT student-led conference. [MORE INFO](#)



### Rabobank-MIT Food and Agribusiness Innovation Prize

Apr. 29 / Time and location TBD

Student startups in food and ag will compete for cash prizes at this MIT Food and Agriculture Club event, co-sponsored by J-WAFS. [MORE INFO](#)



Intern with the MIT

Food for Good Challenge

## Environmental Solutions Initiative

### Rolling Deadline

(Open to All MIT Students)

ESI seeks student support for a workshop on plastic pollution, the [TILclimate podcast](#), and [MIT Climate Portal](#).

More info: [danielas@mit.edu](mailto:danielas@mit.edu)

**Deadline: Feb. 14**

(Open to All)

Develop an innovative and concrete solution from field to fork to deliver sustainable and healthy food to everyone, everywhere. Up to EUR 2 million available.

[MORE INFO](#)

## John A. Knauss Marine Policy Fellowship Program

**Deadline: Feb. 21**

(Open to All Students)

Apply for this graduate student fellowship focused on ocean, coastal, and Great Lakes resources and national policy decision making.

[MORE INFO](#)

## MIT Martin Family Fellowship for Sustainability

**Deadline: Feb. 28**

(Open to MIT Students)

MIT faculty: nominate one PhD student to become a Martin Family Fellow for 2020-2021. Two-semester fellowship available.

[MORE INFO](#)

## Edited Volume on Global Food Security in the Last Decade and the Next

**Deadline: Feb. 28**

(Open to All)

The Center for Strategic and International Studies (CSIS) invites contributions to a new edited volume on global food security.

[MORE INFO](#)

## American Water Works Association Journal: Potable Reuse

**Deadline: Apr. 1**

(Open to All)

AWWA seeks contributions to an upcoming issue on the theme of potable water and reuse.

[MORE INFO](#)

## Water Resource Recovery Prize

## Millennium Fellowship

**Deadline: Apr. 30**

**Deadline: Apr. 28**

(Open to All)

The US Department of Energy seeks proposals for projects that recover resources from municipal wastewater across the US. Up to US \$1 million available.

[MORE INFO](#)

(Open to All Students)

This student leadership development program supports students working to implement UN sustainable development goals locally, among them: zero hunger, clean water, and climate action.

[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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