

IN THE NEWS

MAY 2018



J-WAFS Awards \$1.3M for New Research

From edible food safety sensors to water filtration technologies, seven projects will receive 2018 J-WAFS grants.

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How Will Climate Change Influence Agriculture?

J-WAFS and [EAPS](#) brought climate scientist David Battisti to MIT to share new research on climate change and crop production.

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MIT Team's Water Filter for World's Neediest

MIT PIs Rohit Karnik and Amy Smith discuss their J-WAFS Solutions project: a sustainably produced water filter made from wood.

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New Technology Monitors Milk Quality in India

MIT PhD student Pranay Jain explains a J-WAFS Solutions-funded handheld sensor to support food safety in the dairy industry in India.

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Desalination Solution for Hydroponic Agriculture

A J-WAFS Solutions-funded desalination strategy could dramatically improve water and fertilizer efficiency for hydroponic growers.

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Food and Ag Start-ups Compete at MIT

Meal kits for “food deserts” and a crop-pricing platform win the J-WAFS-sponsored Rabobank-MIT prize.

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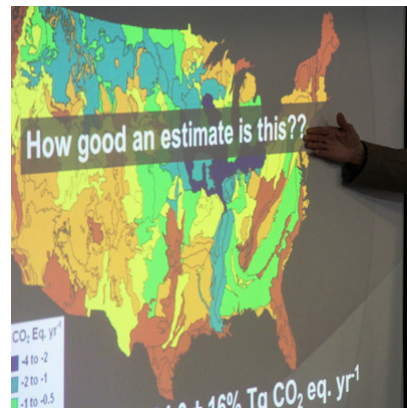
IN-DEPTH LOOK

J-WAFS CONVENES GLOBAL CLIMATE EXPERTS

Expert workshops explores intertwined future of food production, water, and climate

There is little doubt that the Earth's rapidly changing climate will have a significant impact on agriculture around the world. Yields are likely to

decrease in some places and may increase in others, and some regions may have to switch to different crop varieties and farming practices. But many important aspects of just how and where those impacts will occur remain unknown.

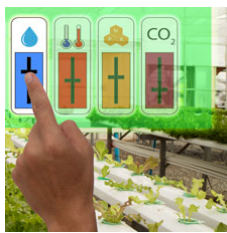


To clarify some of what is known about these complex interactions, and what areas have a pressing need for further research, J-WAFS convened a group of specialists from around the world for a workshop, titled “Climate change, agriculture, water, and food security: What we know and don’t know,” on May 8th and 9th at MIT to explore the interactions of food, water, and agriculture in a changing climate.

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EVENTS

FOOD & WATER



Sensors for Water, Food, & Environment Conference

JUNE 5, 8-6:30 / Broad Institute, 415 Main St, Cambridge

MIT's [SENSE.nano](#) is collaborating with J-WAFS and [ESI](#) to explore how sensors could protect our most essential natural resources. [MORE INFO](#)



Engineering New Water Treatment Membrane Systems

JUNE 8, 3-4:30 / 66-110 MIT CAMPUS

Join the MIT Department of Chemical Engineering for a seminar by MIT alumna Vicki Chen, world leader in membrane separations and desalination. [MORE INFO](#)



The Future of Farm & Food Entrepreneurship

MAY 31-JUNE 1 / Brattleboro, Vermont

Interested in growing conscious food and agriculture businesses? Attend this summit for tools, resources, and mentorship. [MORE INFO](#)

FUNDING

AND OTHER OPPORTUNITIES

Seeking Climate Change Adaptation Strategies

Deadline: July 1

MIT's SOLVE seeks solutions that support coastal communities and promote climate adaptation. Winning teams receive \$10K grants.

[MORE INFO](#)

2018 Urban Drinking Water Challenge

Deadline: July 2

Compete for \$1M in startup funding in this global innovation competition devoted to scaleable water solutions for megacities across the globe.

[MORE INFO](#)

Seeking Designs for Smallscale Desalination

Deadline to be announced soon

Find out more about a \$700K challenge prize launched by the [MEDRC](#) for a low-cost desalination device that can be used during humanitarian crises.

Pitch Your Food & Ag Startup at FoodBytes

New York & London

Submit food and agriculture innovations to [Rabobank's](#) FoodBytes. Selected teams will receive mentorship from judges and industry leaders.

INTERESTED IN SUPPORTING J-WAFS?

When you make a gift, you are making an investment in both the future of JWAFS 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 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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