

## IN THE NEWS

JUNE 2018



### Sustainability Solutions at Nanoscale

Researchers supported by J-WAFS and ESI are solving large water, food, and environment problems with tiny tech.

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### MIT Students Head to World Water Week

Two MIT graduate students are headed to Stockholm this summer thanks to a J-WAFS travel grant.

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### US Youths Tackle Global Water Challenges

US high school students showcase innovative research in water at the US Junior Water Prize.

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## IN-DEPTH LOOK

VIRTUAL WATER & THE WATER FOOTPRINT

### How Much Water Did You Eat Today?

For the novice, the term "virtual water" might conjure images of a computer game or the next digital currency, but virtual water is far from a cyber term. It emerged as a way of highlighting the intertwined nature of food production and water. After all, drinking, washing, and domestic uses of water comprise only 10% of the water consumed across the globe. The rest, nearly 90%, is devoted to food production.



Why should you care about virtual water? Anjuli Jain Figueroa, PhD candidate in MIT's Department of Civil and Environmental Engineering, explains.

Read on to understand how researchers are untangling the complex web of water and agriculture interactions and learn how your food choices matter.

[READ MORE](#)

## FUNDING

AND OTHER OPPORTUNITIES

## Apply for the Advanced School on the Water-Energy-Food Nexus

**Deadline: June 30**

Campinas, Brazil

Join 80 PhD students and young postdocs in Brazil for this graduate seminar. Travel funds are available.

[MORE INFO](#)

## Submit a Climate Change Adaptation Strategy to MIT's SOLVE

**Deadline: July 1 (Draft proposal)**

Edits can be submitted through July 20

Submit a solution for a \$10K award that supports coastal communities and adaptation to climate change.

[MORE INFO](#)

## Apply to Direct the Internet of Water

**June 15 and ongoing**

Duke University seeks an executive director for the Internet of Water to lead during its 3-year launch period.

[MORE INFO](#)

## BARD Research Grants and Fellowships

**Multiple deadlines; see website**

US-Israel Binational Agricultural Research and Development Fund (BARD) is accepting proposals.

[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.

