CAST Issue Paper 62

Food Loss and Waste

a paper in the series on

The Need for Agricultural Innovation to Sustainably Feed the World by 2050

Released September 28, 2018

Chair: Zhengxia Dou, University of Pennsylvania; 11-member task force

Release/Rollout

On September 28, Dr. Zhengxia Dou, the task force chair, conducted briefings for Senate staffers in the morning and for House staffers at a noon lunch seminar. There were 80 registrants for these two briefings.

In-kind Contributions: 255 volunteer hours; $18,870 monetary value

Press Release (results two weeks after release)

- Press release went to 8,519 e-contacts resulting in 1,845 opens.
- The press release through PRWeb resulted in 2,935 views and reached 990 targeted influencers (journalists).
- 177 media outlets posted the press release. A sampling of sites where the release was picked up: Agri-Pulse, Benzinga, NewsDog (India), NewsR (India), PortalTaxi.net, RFD-TV, Seed Daily, Virtual Strategy Magazine, many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC).

Follow-On Activities

- Video of Dr. Dou’s presentation and slides posted on CAST website and YouTube. Click here to view. (172 views as of March 25, 2020).
- On October 17, 2018, the National Academies of Sciences, Engineering, and Medicine’s Science and Technology for Sustainability Program hosted a public event—“Reducing Food Loss and Waste: A Workshop on Impacts.” Forty copies of CAST Issue Paper 62 were requested for distribution.

Paper Distribution

- Paper Downloads—18 months after release: 3,370
- Distributed approximately 440 copies of printed issue paper

Indirect Paper Distribution

- Presentation attendee disseminated information received to colleagues in the U.S. Forest Service.
- Presentation attendee will circulate paper to individuals presently working on a new Pennsylvania Food Policy Council.
- Being used for internal communication within Bayer Crop Science.

This report last updated 3/28/20.
Articles and Web Mentions


BioCycle, October 1, 2018  

BioCycle, October 11, 2018  

Citations

Food and Nutrition Sciences, Vol.10 No.9, September 2019, Authors: Jonathan M. Deutsch, Thomas O'Donnell, Solomon Katz, *Framing Cuisine with Food Loss and Waste as a Combined Nutrition Public Health Priority and Climate Change Mitigation Action*  
[http://m.scirp.org/papers/95405](http://m.scirp.org/papers/95405)

Science of The Total Environment, Volume 685, 1 October 2019, Pages 1240-1254, *A systems approach to assessing environmental and economic effects of food loss and waste interventions in the United States*  

Social Media

Twitter—

Agree @AgreeAgPolicy, September 28, 2018  
[https://twitter.com/AGreeAgPolicy/status/1045810386425937920](https://twitter.com/AGreeAgPolicy/status/1045810386425937920)

APLU Agriculture @APLU_Ag, September 28, 2018  
[https://twitter.com/APLU_Ag/status/1045651447818473472](https://twitter.com/APLU_Ag/status/1045651447818473472)

Bonnie McCarvel @MidAmericaCrop, October 5, 2018  
[https://twitter.com/MidAmericaCrop/status/1048228503374766080](https://twitter.com/MidAmericaCrop/status/1048228503374766080)

CAST @CASTagScience, September 28, 2018  
[https://twitter.com/CASTagScience/status/1045664008743915521](https://twitter.com/CASTagScience/status/1045664008743915521)

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CAST @CASTagScience, September 27, 2018
https://twitter.com/CASTagScience/status/1045447996740067328

CAST @CASTagScience, September 24, 2018
https://twitter.com/CASTagScience/status/1044245471793836032

CAST @CASTagScience, September 21, 2018
https://twitter.com/CASTagScience/status/1043198178823159808

CAST @CASTagScience, September 28, 2018
https://twitter.com/CASTagScience/status/1045757536597553153

CAST @CASTagScience, September 30, 2018
https://twitter.com/CASTagScience/status/1046504963386626049

CAST @CASTagScience, October 1, 2018
https://twitter.com/CASTagScience/status/1046837149683802112

CAST @CASTagScience, October 4, 2018
https://twitter.com/CASTagScience/status/1047937567457533957

Earth Accounting @EarthAccounting, September 28, 2018
https://twitter.com/EarthAccounting/status/1045723853169733632

Kate McCann, NBCT @kmccannu32, September 28, 2018
https://twitter.com/kmccannu32/status/1045708621731024901

PSU Ag @ Shale Law @AgShaleLaw, October 1, 2018
https://twitter.com/AgShaleLaw/status/1046946371654377472

Radca Prawny @RPrawny, September 30, 2018
https://twitter.com/RPrawny/status/1046272269624979456

Radca Prawny @RPrawny, September 29, 2018
https://twitter.com/RPrawny/status/1045993663120248833

Radca Prawny @RPrawny, September 29, 2018
https://twitter.com/RPrawny/status/1045993606270586880

William Kuckuck @FoodConcerns, September 28, 2018
https://twitter.com/FoodConcerns/status/1045657807469596677

William Kuckuck @FoodConcerns, September 28, 2018
https://twitter.com/FoodConcerns/status/1045659153434378245

CAST @CASTagScience, April 8, 2019
https://twitter.com/CASTagScience/status/1115314415618990080

CAST @CASTagScience, May 14, 2019

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https://twitter.com/CASTagScience/status/1128312525534171138

CAST @CASTagScience, June 21, 2019
https://twitter.com/CASTagScience/status/1142080623189925888

CAST @CASTagScience, November 15, 2019
https://twitter.com/CASTagScience/status/1195401337107812354

CAST @CASTagScience, November 24, 2019
https://twitter.com/CASTagScience/status/1198642454913863680

CAST @CASTagScience, February 26, 2020
https://twitter.com/CASTagScience/status/1232680495336632320

Facebook—

CAST, September 18, 2018
https://www.facebook.com/CASTagScience/posts/1920873891340731

CAST, September 21, 2018
https://www.facebook.com/CASTagScience/posts/1921914691236651

CAST, September 27, 2018
https://www.facebook.com/CASTagScience/posts/1928938337200953

CAST, September 28, 2018
https://www.facebook.com/CASTagScience/posts/1931935380234582

CAST, September 28, 2018
https://www.facebook.com/CASTagScience/posts/1930930847001702

Kak Mi, September 30, 2018
https://www.facebook.com/kak.mi.3/posts/2525229204195618

CAST, October 4, 2018
https://www.facebook.com/CASTagScience/posts/1939526829475437

Mid America CropLife Association, October 5, 2018
https://www.facebook.com/MACroplifeA/posts/2184168818324441

CAST, October 9, 2018
https://www.facebook.com/CASTagScience/posts/1946016202159833

CAST, October 11, 2018
https://www.facebook.com/CASTagScience/posts/1948768388551281

Mid America CropLife Association, November 16, 2018
https://www.facebook.com/MACroplifeA/posts/2265273943547261

CAST, December 12, 2018

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September 28, 2018
October 5, 2018
October 12, 2018
October 19, 2018
November 9, 2018
November 16, 2018
December 7, 2018
January 11, 2019
January 18, 2019
January 25, 2019
February 15, 2019
March 1, 2019
April 5, 2019
February 21, 2020

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