



**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](#). (185 views as of September 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—2 years after release: 3,532
- 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 9/28/20.*

## ACSESS (Alliance of Crop, Soil, and Environmental Science Societies) Digital Library

<https://dl.sciencesocieties.org/issue-papers>

**Associate of Public Land-grant Universities**, *October 1, 2018* (memo to Boards on Agriculture Assembly and Human Sciences; Council for Agricultural, Research, Extension, and Teaching (CARET); and Other Interested Individuals with link to paper)

<http://elink.clickdimensions.com/m/1/43087935/02-b18275-7dec4b21c4b34ef2b2feec8c704492f6/1/60/127fbd43-1966-465f-abd8-d941da14d078>

**CABDirect** <https://www.cabdirect.org/?target=%2fcabdirect%2fabstract%2f20193054741>

**Semantic Scholar** <https://www.semanticscholar.org/paper/Food-loss-and-waste-a-paper-in-the-series-on-the-to-Zhengxia-Cochran/5d565e006d55059a3d14e9b2b0c3b44eaeaa1b30>

## Articles and Web Mentions

**Agri-Pulse** <https://www.agri-pulse.com/events/232-food-loss-and-waste>

**BioCycle**, *October 1, 2018*

<https://www.biocycle.net/2018/10/01/cast-publication-looks-crucial-food-waste-issues/>

**BioCycle**, *October 11, 2018*

<https://www.biocycle.net/2018/10/11/biocycle-world-176/>

## 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.sciarp.org/papers/95405>

**Organic Agriculture**, April 24, 2020, Authors: Mahesh Chander & M. S. Kannadhasan, *Landless animal and poultry production prospects: an overview on feeding and sustainability with special reference to fruit and vegetable wastes (FVWs)*

<https://link.springer.com/article/10.1007/s13165-020-00292-5>

**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*

<https://www.sciencedirect.com/science/article/pii/S0048969719328037>

## Social Media

**Twitter—**

**Agree @AgreeAgPolicy**, *September 28, 2018*

<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)

*This report last updated 9/28/20.*

**Bonnie McCarvel @MidAmericaCrop**, *October 5, 2018*  
<https://twitter.com/MidAmericaCrop/status/1048228503374766080>

**CAST @CASTagScience**, *September 28, 2018*  
<https://twitter.com/CASTagScience/status/1045664008743915521>

**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>

*This report last updated 9/28/20.*

**CAST @CASTagScience, April 8, 2019**

<https://twitter.com/CASTagScience/status/1115314415618990080>

**CAST @CASTagScience, May 14, 2019**

<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>

**CAST @CASTagScience, May 29, 2020**

<https://twitter.com/CASTagScience/status/1266369281870032896>

**CAST @CASTagScience, September 28, 2020**

<https://twitter.com/CASTagScience/status/1310578774954700805>

1 retweet, 1 like

## **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>

*This report last updated 9/28/20.*

**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**

<https://www.facebook.com/CASTagScience/posts/2036823769745742>

**Mid America CropLife Association, January 18, 2019**

<https://www.facebook.com/MACroplifeA/posts/2385502258191095>

**CAST, November 15, 2019**

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2606152216146225/?type=3&theater>

**CAST, November 24, 2019**

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2626043740823739/?type=3>

**CAST, February 26, 2020**

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2825318790896232/?type=3>

**CAST, May 29, 2020**

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3039424489485660>

1 like

**CAST, September 28, 2020**

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3400073940087378>

3 likes, 1 share

**Pinterest—**

**CAST**

<https://www.pinterest.com/pin/95138610863482629/>

**LinkedIn—**

**CAST**

<https://www.linkedin.com/feed/update/urn:li:activity:6638448744306135041>

**CAST**

<https://www.linkedin.com/feed/update/urn:li:activity:6452270849499164672>

*This report last updated 9/28/20.*

**CAST, September 28, 2020**

<https://www.linkedin.com/feed/update/urn:li:activity:6716344478094921729>

**Blogger/CAST Blog—**

**CAST, February 26, 2020**

<https://www.cast-science.org/food-waste-yesterday-today-tomorrow/>

**CAST, September 26, 2019**

<https://www.cast-science.org/the-future-of-food-takeaways-from-what-we-cant-know-for-certain/>

**CAST, October 9, 2018**

<http://cast-science.blogspot.com/2018/10/food-waste-its-like-stealing.html>

**CAST, October 1, 2018**

<http://cast-science.blogspot.com/2018/10/examining-food-loss-and-waste-research.html>

**Friday Notes—**

June 22, 2018

August 3, 2018

August 31, 2018

September 7, 2018

September 14, 2018

September 21, 2018

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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