CAST Commentary QTA2019-1

Enabling Open-source Data Networks in Public Agricultural Research

Released March 11, 2019

Chair: Sylvie Brouder, Purdue University; 10-member task force

Release/Rollout
On March 11, Dr. Sylvie Brouder, the task force chair, conducted briefings for both House and Senate staffers, the House presentation taking place during a noon Lunch ’N Learn and the Senate presentation occurring during the afternoon. Later in the day, a panel, presentation, and reception were held at the Association of Public and Land-grant Universities board room. The panelists included: Cynthia Parr, Technical Information Specialist, USDA-ARS; Robin Schoen, Director of the Board Agriculture and Natural Resources, The National Academies of Sciences, Engineering, and Medicine; and Elizabeth Stulberg, Science Policy Manager at The Alliance of Crop, Soil, and Environmental Science Societies. Approximately 56 people attended these three presentations.

In-kind Contributions: 260 volunteer hours; $19,240 monetary value

Press Release (results two weeks after release)
- Press release went to 8,070 e-contacts (1,518 media) resulting in 3,492 opens/interactions
- The press release through PRWeb resulted in 2,000 views and reached 960 targeted influencers (journalists).
- A sampling of sites where the release was picked up: AgriTech Tomorrow, Benzinga, Boston Herald, Markets Insider, News Locker, One News Page Global Edition, PortalTaxi.net, Reddit, RFD-TV, San Diego Union Tribune, Star Tribune, many radio station, and ABC, CBS, NBC, FOX, and CW affiliates.

Follow-On Activities
- Video of Dr. Brouder’s presentation and slides posted on CAST website and YouTube. Click here to view. (147 views as of September 11, 2020)
- Dr. Brouder presented at the Institute for Bioscience and Biotechnology Research Interagency Working Group on Biological Data Sharing Workshop, University of Maryland, June 12, 2019. https://www.ibbr.umd.edu/event/iwgbds/agenda

Paper Distribution
- Downloads—1 year after release: 3,443

This report last updated 9/11/2020.
Indirect Paper Distribution

ACSESS Digital Library
https://dl.sciencesocieties.org/issue-papers

Articles and Web Mentions

Agri-Pulse, Washington Week Ahead, March 10, 2019

Bovine Veterinarian, Leverage Resources in Ag Research, John Maday, March 11, 2019
https://www.bovinevetonline.com/article/leverage-resources-ag-research

https://dl.sciencesocieties.org/publications/csa/abstracts/64/5/26?access=0&view=article

Feedstuffs, Open data needed to address ag problems, Jacqui Fatka, March 14, 2019

KPCNews.com, Purdue seeks ways to feed the world and preserve the environment, April 27, 2019
https://www.kpcnews.com/article_83b04296-4c3a-5c46-8f31-b072d1783c4c.html

National Coalition for Food and Agricultural Research, press release, March 8, 2019

National NAMA eNews, March 11, 2019
http://www.namablog.org/?p=14096

Ohio’s Country Journal/Ohio Ag Net, Data Synthesis Important for Ag Research, March 15, 2019
https://www.ocj.com/2019/03/data-synthesis-important-for-ag-research/

Purdue University Agriculture News, How to feed the world and preserve the environment, April 9, 2019

Purdue University Agriculture News, Ag researchers make case: Big changes require access to big data, March 11, 2019
https://www.purdue.edu/newsroom/releases/2019/Q1/ag-researchers-make-case-big-changes-require-access-to-big-data.html
picked up by Farmers Advance, part of the USA Today network, April 30, 2019

The Scientist, Opinion: Agriculture Must Replace Small Science with Big Science; Agronomic sciences should follow the lead of genetics and other disciplines in sharing data. Jun 17, 2019, Sylvie Brouder

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Southern Crop Production Association, March 20, 2019  

USDA-ARS, March 11, 2019  
https://www.ars.usda.gov/research/publications/publication/?seqNo115=361255

Western Society of Weed Science, WSWS Officer and Committee Report, March 2019  

Citations  
https://publications.arl.org/rli298/37

Social Media  
Twitter—  
@CASTagScience, March 4, 2019  
https://twitter.com/CASTagScience/status/1102690934284828673

@CASTagScience, March 6, 2019  
https://twitter.com/CASTagScience/status/1103403085005758465

@CASTagScience, March 10, 2019  
https://twitter.com/CASTagScience/status/1104849910728400898

@WaterWired, March 11, 2019  
https://twitter.com/WaterWired/status/1105123530490826752

@CASTagScience, March 11, 2019  
https://twitter.com/CASTagScience/status/1105094773931565056

@plantae_org, March 11, 2019  
https://twitter.com/plantae_org/status/1105098555814019072

@cydparr, March 12, 2019  
https://twitter.com/cydparr/status/1105460857511833601

@WaterJPI, March 12, 2019  
https://twitter.com/WaterJPI/status/1105389970863214592

@DrSethMurray, March 13, 2019  
https://twitter.com/DrSethMurray/status/1105890933806112768

@AGreeAgpolicy, March 13, 2019

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https://twitter.com/AGreeAgPolicy/status/1105830876523356160

@AGreeAgPolicy, June 19, 2019
https://twitter.com/AGreeAgPolicy/status/1141337336157855745

@PurdueAg, June 21, 2019
https://twitter.com/PurdueAg/status/1142047591661821953

@CASTagScience, September 8, 2019
https://twitter.com/CASTagScience/status/1170775089962455040

@CASTagScience, October 3, 2019
https://twitter.com/CASTagScience/status/1179773371220926464

Facebook—
CASTagScience, March 11, 2019

CASTagScience, March 4, 2019
https://www.facebook.com/CASTagScience/posts/2154213908006727

CASTagScience, March 6, 2019
https://www.facebook.com/CASTagScience/posts/2159463064148478

Plantae, March 11, 2019
https://www.facebook.com/plantae.org/posts/2059951977434777

Mid America CropLife Association, March 22, 2019
https://www.facebook.com/MACroplifeA/posts/2516245748450078

Mid American CropLife Association, April 1, 2019
https://www.facebook.com/MACroplifeA/posts/2537401686334484

Mid America CropLife Association, June 21, 2019
https://www.facebook.com/MACroplifeA/posts/2729422873799030

CASTagScience, June 22, 2019
https://www.facebook.com/CASTagScience/posts/2326951497399633

CASTagScience, October 3, 2019

Mid America CropLife Association, August 7, 2020
https://www.facebook.com/MACroplifeA/posts/4097846566956647

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LinkedIn—
CAST, March 4, 2019

CAST, March 7, 2019

CAST, March 11, 2019

Juan Tricarico, March 2019

CAST, June, 19, 2019

CAST, October 3, 2019

Blogger—
CAST, March 14, 2019
https://cast-science.blogspot.com/2019/03/data-sharing-to-facilitate-ag-research.html

CAST, April 1, 2019

CAST, June 19, 2019
http://cast-science.blogspot.com/2019/06/agriculture-must-replace-small-science.html

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