



CAST QTA2016-1

A Life-cycle Approach to Low-invasion Potential Bioenergy Production

Released February 22, 2016

Chair: Jacob Barney, Virginia Tech, Blacksburg; Seven-member task force

Release/Rollout

A Life-cycle Approach to Low-invasion Potential Bioenergy Production was released live on the CAST website and was presented in the morning session of Senate staffers and a lunch gathering to House Staffers on February 22, 2016. CAST was assisted by the National Coalition for Food and Ag Research (NC-FAR).

- A briefing for Senate staffers
- A National Coalition for Food and Agricultural Research (NC-FAR) Lunch Gathering
- A panel discussion and webinar cohosted by CAST and the Environmental Law Institute discussed topics on bioenergy and invasive species. Panelists were the following:
 - Jacob Barney, PhD ~ Assistant Professor of Invasive Plant Ecology, Department of Plant Pathology, Physiology, and Weed Science, Virginia Tech
 - Read Porter, JD ~ Senior Attorney and Director of Invasive Species Programs, Environmental Law Institute
 - Aviva Glaser ~ Senior Policy Specialist for Agriculture Policy, National Wildlife Federation
 - Anthony Koop, PhD ~ Risk Analyst, Plant Epidemiology and Risk Analysis Laboratory/Center for Plant Health Science and Technology, USDA-APHIS-PPQ
 - Jonathan Jones ~ Federal Noxious Weed Policy Manager/USDA Biofuel Team Coordinator, USDA-APHIS-PPQ
 - Moderator: Kent Schescke ~ EVP, Council for Agricultural Science and Technology
- Webinar: 128 webinar registrants; 22 in person registrants; 89 views of video of webinar

Press Release (results two weeks after release)

- Press release went to 9,795 e-contacts (3,686 media) resulting in 3,635 opens/interactions
- 305,738 headline impressions, and 208 total pickups on [press release through PRWeb](#).
- A sampling of sites where the release was picked up: Abyse, Benzinga, Bio-Medicine, BioPortfolio, University Chronicle, multiple local TV news channel websites such Fox 14 TV, ABC6 News, NBC12, etc.

Follow-On Activities

- Video of the panel discussion posted on CAST website and YouTube <https://www.youtube.com/watch?v=7wVaA1d1WuY> (135 views as of 11/9/2017)
 - *U.S. Department of Interior*, National Invasive Species Council/From the Podium and Webinars (links to the webinar video) <https://www.doi.gov/invasivespecies/webinars>

Paper Distribution

- Commentary Downloads—1 year after release: 774; 2 years after release: 2,225
- Ag quickCAST Downloads—1 year after release: 331; 2 years after release: 601

Indirect Paper Distribution

AS Davis Research Group (link to paper)

Research site focused on research of ecology of weedy and invasive plant species

<https://sites.google.com/site/asdavisresearchgroup/publications>

Ag Professional (advance PR on National Invasive Species Awareness Week, webinar with link to publications)
March 2, 2016

Farm Futures and Farm Progress (advance PR on National Invasive Species Awareness Week, webinar with link to publications)

February 24, 2016

<http://www.farmfutures.com/story-learn-more-invasive-weeds-8-137574>

Morning Ag Clips (advance PR on National Invasive Species Awareness Week, webinar with link to publications)
March 2, 2016

<https://www.morningagclips.com/do-you-know-your-invasive-species/>

National Coalition for Food and Agricultural Research (advance PR on NC-FAR presentations with link to publications)

February 24, 2016

http://www.ncfar.org/HSS_20160222_Media_Release.pdf

National Invasive Species Awareness Week (advance PR on National Invasive Species Awareness Week, webinar with link to publications)

February 22, 2016

<http://www.nisaw.org/meetings/2016/eli-webinar/>

SeedQuest (advance PR on National Invasive Species Awareness Week, webinar with link to publications)
March 2, 2016

http://www.seedquest.com/news.php?type=news&id_article=73626

USDA—Global Change and Photosynthesis Research

Ecology, Management and Environmental Impact of Weedy and Invasive Plant Species in a Changing Climate

<https://www.ars.usda.gov/research/publications/publication/?seqNo115=318302>

Vermont Invasive: Invasive Species Seminar Series (advance PR on National Invasive Species Awareness Week, webinar with link to publications)

February 22, 2016

<http://www.vtinvasives.org/news/invasive-species-seminar-series>

Report Issued February 23, 2018

Yumpu (PDF posted)
Accessed February 29, 2016

Articles and Web Mentions

Environmental Law Institute (advance PR on webinar with video of panel discussion)

February 22, 2016

<http://www.eli.org/events/preventing-next-kudzu-life-cycle-approach-low-invasion-potential-bioenergy-production>

Southeast Green

New Commentary seeks life-cycle approach to prevent invasion as a result of bioenergy development

February 29, 2016

<http://www.southeastgreen.com/index.php/news/washington-dc/15078-new-commentary-seeks-life-cycle-approach-to-prevent-invasion-as-a-result-of-bioenergy-development>

Science.gov

February 23, 2018

<https://www.science.gov/topicpages/b/bioenergy+production+capacity#>

Weed Science Society of America Newsletter, February 22, 2016 (article with link to webinar and publication)

WSSA Washington Report, April 4, 2016

Southern Weed Science Society Newsletter, May 2016

<http://wssa.net/2016/02/get-ready-for-national-invasive-species-awareness-week-2016/>

<http://wssa.net/wp-content/uploads/Washington-Report-April-2016.pdf>

<https://www.swss.ws/wp-content/uploads/May-2016.pdf>

Paper Citations

Smart Villages

Is biomass a sustainable energy solution for off-grid villages in developing countries?

May 19, 2016 - Brian Heap

<http://e4sv.org/biomass-sustainable-energy-solution-off-grid-villages-developing-countries/>

Social Media

Facebook—

[CAST]: Check out CAST's new commentary!

(22 Feb 16)

[Midwest Invasive Species Information Network (MISIN)]: Preventing the next kudzu: A life-cycle approach to low invasion-potential bioenergy production

(16 Feb 2016)

Twitter—

[@NCStateNCARS]: A Life-cycle Approach to Low-invasion Potential Bioenergy Production FOR IMMEDIATE RELEASE <http://bit.ly/1XHV12b>

(22 Feb 2016)

Report Issued February 23, 2018

[**@GotInvasives**]: Preventing the next kudzu: A life-cycle approach to low invasion-potential bioenergy production. Join the Discussion <http://bit.ly/1mGORVx>
(16 Feb 2016)