

CAST

Communicating the Science and Technology of Food and Modern Agriculture

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Executive Vice President

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*The Science Source for Food,
Agricultural, and Environmental Issues*

CAST®

CAST Is Member-Supported

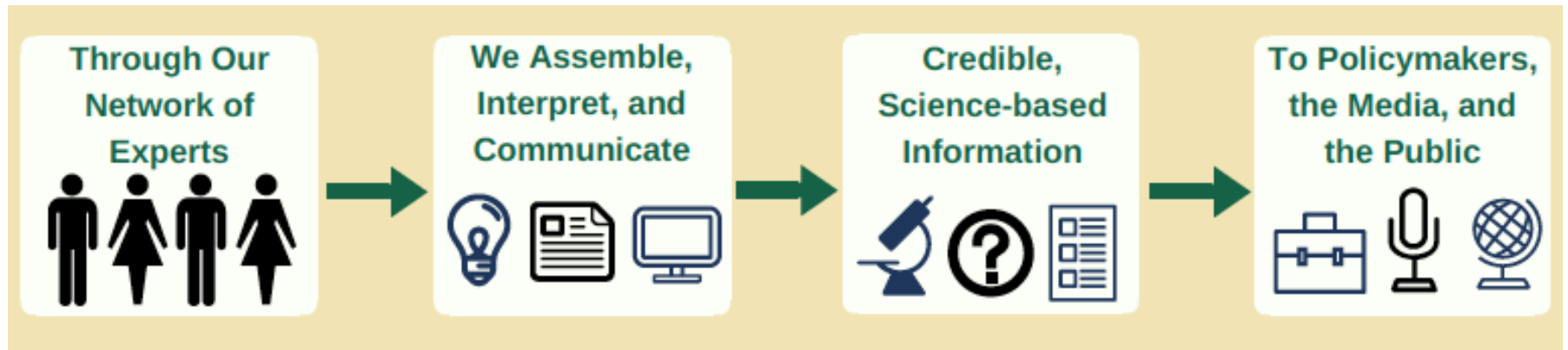


As a member-supported nonprofit organization, CAST is dependent on its membership to accomplish its goal of the advancement of science communication around food and agriculture. Members include:

- Scientific Societies
- Nonprofit Organizations
- Universities
- Companies
- Individuals



The CAST Mission



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The CAST Vision

A world where decision making related to agriculture and natural resources is based on credible information developed through reason, science, and consensus building.



**“...what CAST does is very important to mankind.”
~Dr. Norman E. Borlaug**

What Does CAST Do?

- **CAST disseminates science-based information through:**
 - **Print materials**
 - **Online sources**
 - **Videos on website, YouTube, and SchoolTube**
 - **Spanish & Chinese translations on select publications**



How Does CAST Do This?

With the help of many volunteer contributors:

- **50 Board Members representing scientific societies, companies, nonprofits, and universities**
- **160+ active task force members working on CAST reports yet to be released**
- **Volunteer scientific experts as authors and reviewers—more than 700 volunteers since 2007**

**65% academia
15% government
15% companies
5% nonprofits**

2018 Publication Rollouts

- Regulatory Barriers to the Development of Innovative Agricultural Biotechnology by Small Businesses and Universities *[March 2018]*
- Scientific, Ethical, and Economic Aspects of Farm Animal Well-being *[April 2018]*
- Omega-3 Fatty Acids: Health Benefits and Dietary Recommendations *[May 2018]*
- Genome Editing in Agriculture—Methods, Applications, and Governance *[July 2018]*
- Impact of Free-range Poultry Production Systems on Animal Health, Human Health, Productivity, Environment, Food Safety, and Animal Welfare Issues *[July 2018]*
- Food Loss and Waste *[September 2018]*

Forthcoming Publications—PLANT

- **Enabling Open Source Data Networks in Public Agricultural Research**
- **Historic Drought, Aquifer Depletion, and Potential Impacts on Long-term Irrigated Agricultural Productivity**
- Integrated Pest Management (IPM) Programs Protect Human Health, Environmental Sustainability, and the Economy
- Irrigation and Precision Crop Management Technologies
- **Potential Reductions of Nutrient Loss Impacts on Water Quality**
- Recruiting and Educating Graduate Students to Become Researchers and Leaders in Global Agricultural Studies
- The Impact of CAST—45 Years of Influence in Agriculture
- The Microbiome's Positive Impacts on Crops

CAST Welcomes Your Suggestions

CAST welcomes suggestions, ideas and recommendations for future CAST publications and projects.

**Submit an idea for a
CAST publication!**

Anyone may submit a proposal for consideration, using the CAST Proposal Form.

Visit CAST Online

www.cast-science.org

Free access to CAST
material for individuals
with a “.gov” address



The CAST website has
had visitors from
every U.S. state
and 181 countries.

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