



# Nutrient Sensor Challenge

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## Summit Agenda

12 August 2015

**The Carriage House**

**1781 Church Street NW**

**Washington, DC 20036**

**Nearest Metro: Dupont Circle (red line)**

### Succeeding in the Challenge

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| 8:15 a.m. – 9:00 a.m.   | Coffee, Registration, Networking, Poster Session   |
| 9:00 a.m. – 9:05 a.m.   | Welcome (Bruce Rodan, Assistant Director for Environmental Health, White House Office of Science and Technology Policy)  |
| 9:05 a.m. – 9:10 a.m.   | Opening Remarks (Rick Spinrad, NOAA Chief Scientist)   |
| 9:10 a.m. – 9:20 a.m.   | Summit Overview and Objectives (Beth Stauffer, Univ. Louisiana at Lafayette)   |
| 9:20 a.m. – 9:30 a.m.   | Introduction of Challenge Participants   |
| 9:30 a.m. – 9:50 a.m.   | Next Steps in the Nutrient Sensor Challenge (Mario Tamburri, ACT/Univ. Maryland Center for Environmental Science)  |
| 9:50 a.m. - 10:40 a.m.  | Market Opportunities Panel<br>Nutrient Sensor Market updates (Dennis King, Univ. Maryland)<br>Market Efficiency Strategies (Barry Liner, Water Environment Federation)<br>Nutrient Trading (Stephen Harper, Intel Corporation)   |
| 10:40 a.m. – 11:00 a.m. | Break, Networking, Poster Session  |
| 11:00 a.m. – 12:00 p.m. | Commercialization Strategies Panel<br>Crowdfunding (Aurora Thornhill, Kickstarter)<br>Small Business Funding (Nareg Sagherian, Small Business Administration)<br>CRADA's (Sarah Bauer, US EPA Office of Research and Development)<br>Private Investing & Venture Capital (Jim Hurd, GreenScience Exchange) |



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12:00 p.m. – 1:00 p.m. Lunch

## Beyond the Challenge

1:00 p.m. – 1:20 p.m. EPA Alternative Method Approval Process (Janet Goodwin, US EPA Office of Water)

1:20 p.m. – 1:40 p.m. Nutrient Sensor Data Comes Alive: Data Visualization Challenge Winner

Prize Presenters: Tom Burke, EPA Deputy Assistant Administrator Office of Research and Development and EPA Science Advisor; and Jared Bales, USGS Chief of Research and Science for Water

1:40 p.m. – 2:30 p.m. Future of Environmental Data Panel  
Networking Environmental Data (Jason Valeo, Verizon)  
Open Data (Joshua New, Center for Data Innovation)  
Sensor data aggregation and visualization  
(Catherine Cramer, New York Hall of Science)

2:30 p.m. – 3:00 p.m. Break, Networking, Poster Session

3:00 p.m. – 4:00 p.m. Sensor Systems Panel: Pilot Project Ideas  
Gulf of Mexico Program (Troy Pierce, US EPA)  
National Estuarine Research Reserve System (Marie Bundy, NOAA)  
Aquatic Real-Time Monitoring Network (Brian Pellerin, USGS)  
Hydrology & Remote Sensing Laboratory (Greg McCarty, USDA)

4:00 p.m. – 4:30 p.m. Questions and Discussions

4:30 p.m. – 5:00 p.m. Summit Conclusion, Q&A, Next steps (Tamburri, ACT/UMCES)

5:00 p.m. – 7:00 p.m. Reception, Networking, Poster Session