

## BOSC REVIEW OF ROADMAP ANNUAL REPORTS

### Background

Within the past year, EPA's Office of Research and Development (ORD) released its cross cutting Research Roadmaps (<https://www.epa.gov/research/research-roadmaps>) to describe current and facilitate future integrated ORD research across four prominent cross-cutting areas: Nitrogen and Co-Pollutants, Children's Environmental Health, Environmental Justice, and Climate Change. The cross-cutting Research Roadmaps are not stand-alone research programs; rather, they integrate research in these priority areas across ORD's six Strategic Research Action Plans (<https://www.epa.gov/research/strategic-research-action-plans-2016-2019>) developed by the six ORD National Research Programs: Air, Climate, and Energy (ACE); Chemical Safety for Sustainability (CSS); Human Health Risk Assessment (HHRA); Safe and Sustainable Water Resources (SSWR); Sustainable and Healthy Communities (SHC), and Homeland Security (HS). This integrative vision focuses ORD's investment on areas where EPA can play a significant leadership role and ensures that cross-cutting research is the foundation of sustainable decisions and actions in these four priority areas.

This first issue of the Annual Reports for each of the Research Roadmaps captures progress on research goals and activities during Fiscal Year 2016 (FY16; October 1, 2015 to September 30, 2016) in each of these four areas. The Annual Reports highlight successes and challenges of implementing an integrative approach to ORD's cross-cutting research. The Annual Reports also provide a preview of research activities in the upcoming fiscal year.

### Charge Question:

In reviewing the cross-cutting Research Roadmap Annual Reports, please:

- Comment on areas of successful integration and implementation as articulated in the related Roadmap. This may include, but is not limited to, the following:
  - Levels of commitment to Roadmap recommendations as incorporated into the ORD StRAPs;
  - Coordination across ORD's six National Research Programs;
  - Communication and outreach to partners and stakeholders; and
  - Areas of innovation
- Provide suggestions for improving implementation of the roadmaps and research integration across the National Research Programs.
  - Are there additional opportunities for implementation or integration not highlighted in the annual report?
  - Does "The Year Ahead section" adequately describe the next steps and short-term research areas and commitment?