

## ESCOPE Science & Technology

Face to Face Meeting Notes: 4 pm ET, September 25, 2017

Philadelphia, PA (Hyatt at the Bellevue; Calder Suite, Suite 1208)

### Committee Members:

<p><b>Chair:</b> Marikis Alvarez (ARD)</p> <p><b>Delegates:</b> Ken Grace (WAAESD) Laura Lavine (Chair-elect; WAAESD) Joe Colletti (NCRA) Deb Hamernik (NCRA) John Kirby (NERA) Adel Shirmohammadi (NERA) Nathan McKinney (SAAESD) Susan Duncan (SAAESD) John Yang (ARD) Vacant (ARD)</p> <p><b>Executive Vice-Chair</b> Jeff Jacobsen (NCRA ED) Chris Hamilton (NCRA AD; Recorder)</p>	<p><b>Liaisons:</b> Terry Nelsen (ERS) TBD (OSTP) Robert Matteri (ARS) Doug Walsh (NIPMCC) Edwin Price (ICOP) Dwayne Cartmell (SSSC) Parag Chitnis (NIFA) Denise Eblen (NIFA)</p>
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**Participants:** Marikis Alvarez, John Yang, Susan Duncan, Nathan McKinney, Laura Lavine, Joe Colletti, Deb Hamernik, Adel Shirmohammadi, Jeff Jacobsen, Chris Hamilton (recorder)

### Notes:

1. Welcome and introductions - Done, see participants above.
2. Approval of today's agenda – **Approved**
3. Introduction with new member - John Kirby was unable to attend.
4. Approval of the call minutes from 8/28/2017 – **Approved**
5. Update on ESCOP/S&T submissions to NAS Science Breakthroughs 2030 project (Jeff, Chris, all)

Jeff and Chris summarized five of the ESCOP Science Roadmap challenge areas to 1-2 pages each, and then submitted to the public portal of the NAS 2030. Chris sent these documents on to the committee on 9/25, during the meeting. Brief discussion ensued on the funding of nexus of food and water (Innovations at the Nexus of Food, Energy and Water Systems (INFEWS), as well. Individual institutions were also encouraged to submit information as appropriate.

6. NIFA and ARS Updates – None given; neither NIFA nor ARS were present at this meeting.
7. Review S&T charge:

The committee reviewed the charge and discussed possible changes and enhancements to it, such as:

- Strengthen linkages with other groups with common interests (i.e., NIPMCC, SSSC, SOAR, etc.).
  - Consider the OSTP/OMB memo, regarding rural development and technology, and the opportunity for ESCOP to play a role to create themes and priorities with NIFA.
  - Better clarify how the committee assists ESCOP and how S&T's activities are initiated. Does ESCOP initiate or does S&T? Is it both?
  - Add in a line about S&T's role in choosing the national multistate award winner each year
  - Consider the committee's role in multistate project issues if there's a concern that could be national in nature
  - Continue to encourage ARD to submit issues specific to the 1890s
  - **Action: Jeff and Chris will draft new language on the charge for the committee to review, to be discussed on our next call.**
8. Review our approach:
    - Revise our charge and discuss further once new language is drafted, as described above
    - Perhaps better present outcomes of our activities and the effects they have had on programs, funding, etc.
    - Improve our participation and collaboration with our USDA and other agency partners.  
**Action: Jeff will follow up with Parag Chitnis and Gary Thompson, FY2018 ESCOP chair. Re-initiate the conversation to have ERS, OSTP and ICOP members identified and as active participants on S&T. To be discussed on our next call. Jeff contacted Alton Thompson (again) to fill the vacant ARD position.**

9. Big Data discussion – Prep for ESS Workshop 9/26 BIG DATA Session

The committee discussed past S&T Big Data discussions and ways to move forward. Jeff encouraged the group to reach out to Gary Thompson with suggestions, as he will be moderating the Big Data session on 9/26.

10. Reimagining a new Roadmap
  - a. Historical perspectives
  - b. Process going forward
  - c. Characterization of outcome (e.g. book-like, thematic white papers, easily updated, easily added to)
  - d. Other involvement (e.g. CMC, science communicators)
  - e. Other ideas

Committee discussion points:

- Incorporate into new website; involve CMC, short and to the point (five pages?)
- Be clear about who the audience will be and create the material accordingly

- Tie to NIFA and other agencies' priorities and strategic plans
  - Easily printable to take to stakeholder meetings as applicable
  - 1-2 page broad challenge area documents that could easily be printed and given out to stakeholders, etc. Some examples include the ASAS Grand Challenges (<https://asas.org/about/public-policy/asas-grand-challenges>), Western Agenda (<http://www.waaesd.org/the-western-agenda>), and Entomological Society of America's Grand Challenges <https://entomologychallenges.org/> and Initiatives <https://entomologychallenges.org/initiatives/>
  - Create a mock up from above examples (and maybe others) for S&T to consider as a proposed future approach
11. Capturing ideas from the directors/administrators – Send issues and ideas to Jeff and Chris for further discussion and investigations. Committee members are strongly encouraged to report out to your regions on S&T activities, keeping communications as open as possible.
  12. Changing of the guard (Marikis to Laura) – Marikis thanked everyone for supporting his role of chair and welcomed Laura as the new S&T chair.
  13. Other – None.

Meeting adjourned at 5:21 pm ET.