



Engineering and Public Policy Division

Fall 2024



ASEE 2025 ANNUAL CONFERENCE

Le Palais des Congrès de Montreal

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Message from the 2024 Division and Program Chair



We are excited to introduce a quarterly webinar series this Fall focusing on current and upcoming public policy legislation and recent judicial opinions. Most recently, in the case of *Loper Bright Enterprises v. Raimondo*, the United States Supreme Court overruled its decision in *Chevron v. Natural Resources Defense Council* which is currently impacting the FCC's net neutrality rule for broadband providers. The FCC's rule is being challenged

in the United States Court of Appeals for the Sixth Circuit. The Loper decision will undoubtedly bring additional litigation on a range of cases challenging federal regulations.

The ASEE Annual Conference returns to Montreal in 2025. The EPP division plans on two session(s).

CALL FOR PAPERS

2025 ASEE Annual Conference

Engineering and Public Policy Division

Abstracts open September 1, 2024

The Engineering and Public Policy (EPP) seeks papers for presentation at the 2025 ASEE Annual Conference and Exposition to be held in Montreal, Quebec, Canada, June 22 - 25, 2025. Contact our Program Chair sam4@psu.edu for questions.

The EPP Division seeks papers supporting our mission to foster an understanding of policy issues with significant technological components among engineering faculty, students and professionals in government and industry.

The goal of the EPP Division is to offer active and engaging sessions cutting across all engineering disciplines uniquely focusing on the impact of public policy on engineering education and practice.

SESSION TOPICS

SESSION 1:

The impacts of DEI policy changes on engineering education

This session aims to identify universities' DEI policies and their impacts on colleges of engineering curricula.

Topics may include:


1. ABET and DEI - implementation and measurements
2. Governmental influence of university DEI policies
3. DEI and professional engineering ethics
4. Best practices in incorporating DEI into ABET criteria

SESSION 2:

STEM workforce and national security

This session explores public policy aimed at workforce development to maintain national security and global competitive advantage.

Topics may include:

1. The intersection of government policy in STEM education and the willingness of academe to embrace change
 2. Government funding of STEM workforce training outside the academe
 3. University trends in STEM workforce developments
 4. Best practices in energizing university communities to develop new models for STEM workforce development
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UPCOMING WEBINARS

During the upcoming academic year the Division will be presenting webinars. The Division will be sending you additional information once the schedule is established. If you would like to present a webinar related to engineering and public policy contact the Division Chair at sam4@psu.edu.

OCTOBER XX, 2024

ABSTRACT: Have you ever wondered how opinion pieces find their way to publication in prestigious newspapers such as the New York Times, Washington Post, or Wall Street Journal? Or how about publication in your own hometown newspaper? And op-ed, an abbreviation for opinion-editorial, is, “a short newspaper column that represents a writer’s strong, informed, and focused opinion on an issue of relevance to a targeted audience,” (Wikipedia). And these are the key adjectives: strong, informed, focused, and targeted. The Engineering and Public Policy Division of the American Society for Engineering Education is one of the largest Divisions in the organization. And yet it is mostly a “secondary” Division for most of its members. Policy seems like an important item about which one should be informed, but it is not necessarily a subject around which most engineers feel entirely comfortable. The solution: forge ahead with placing your views in the public realm for consideration and to grow your influence on public policy as an engineer. This webinar will share the non-expert, trial-by-fire approach to writing op-eds developed by one engineer (see: <https://muckrack.com/daniel-oerther>).

Presenter Daniel Oerther

PhD, PE, Professor, Missouri University of Science and Technology
Executive Director of the American Academy of Environmental Engineers and Scientists
Dan was a Senior Science Advisor in the Secretary’s Office of Global Food Security at the United States Department of State, and he is currently the Chair of the Missouri Hazardous Waste Management Commission, and he previously served as Vice Chair of the Phelps County Extension Council, an example of a hyper-local elected position.

NOVEMBER XX, 2024

Managing Governmental Policy Changes Impacting
University Faculty and Staff.

Presenter John Reisel

2024-2025 OFFICERS

Immediate Past Chair



Dan Oerther (daniel.oerther@gmail.com)

Chair and Program Chair

Salvatore Marsico (sam4@psu.edu)



Secretary/Treasurer



John Reisel (reisel@uwm.edu)

Engineering and Public Policy Awards

Outstanding Paper Award

Recipients will receive a cash prize and a certificate/plaque during the annual business meeting of the division. Awarded on the basis of the quality of the paper submitted for presentation in a EPP division session at the ASEE Annual Conference.