

ASEE Annual Conference 2018 Salt Lake City, Utah

CALL FOR PAPERS 2018

The Environmental Engineering Division of ASEE invites papers for the Annual Meeting to be held in Salt Lake City, Utah. The division will offer sessions that include papers on the following topics:

- Innovative pedagogical methods (social media, flipped classrooms, active learning etc.) in teaching environmental engineering courses;
- Integrating sustainability in courses, across disciplines, in communities, especially as it relates to new ABET criteria.
- Innovative uses of current and emerging technologies in teaching environmental engineering courses;
- Extracurricular student projects/contests in environmental engineering, e.g. P3, EWB, IEDC, etc.;
- Development of new or hybrid courses in environmental engineering, e.g. Environmental Biology, Environmental Security, Environmental and Public Health;
- Interdisciplinary approaches to addressing major (e.g. Grand) challenges such as climate change, food, water;
- Educational resources such as online case studies, web-based course modules for teaching environmental engineering topics;
- Recruitment and retention of diverse students in environmental engineering for the creation of inclusive learning environments and communities;
- Undergraduate environmental engineering research or capstone experiences;
- Accreditation and assessment, e.g. ABET, graduate program accreditation, assessment, etc.;
- Community engagement through research or capstone experiences (e.g. service learning experiences);
- Impact on learning and engagement of students and community in the collection and analysis of environmental field data (citizen science);
- Environmental ethics and the role of environmental engineering in society, in the curriculum, and classroom.

The Environmental Engineering Division now requires that presenters publish their papers in the ASEE conference proceedings.

Questions may be addressed to the Environmental Engineering Division 2017-2018 Division Chair, Dr. Stephanie Butler Velegol at sbv1@psu.edu or the 2017-2018 Program Chair, Dr. Mónica Palomo mpalomo@cpp.edu