

ASEE Annual Conference 2017 Columbus, OH

CALL FOR PAPERS 2017

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

- Developing and implementing modules and/or activities for outreach to P-12 community;
- 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;
- Assessing change in attitudes and values toward sustainability and environmental engineering;
- 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;
- 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.

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 2016-2017 Division Chair, Dr. Mary Cardenas at mary_cardenas@hmc.edu or the 2016-2017 Program Chair, Dr. Stephanie Butler Velegol at sbv1@psu.edu.