

# AEESP Committee Activity Summaries

Updated May 2018

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# Committee Summaries for Website Posting

## 2019 Conference Planning – Site/Committee

**Chair and Members:** Trevor Boyer (ASU), Karl Linden - Board Liaison (University of Colorado, Boulder)

**Summary of Member Activities:** The conference planning committee will be composed of members of the host institutions selected for the 2019 AEESP Research and Education Conference. The committee will work together to plan and host the conference in the summer of 2019.

## Conference Site Selection Committee

**Chair:** Junko Munakata-Marr (Colorado School of Mines) – [jmmarr@mines.edu](mailto:jmmarr@mines.edu)

**Current Members:** Andrea Achilli (University of Arizona), Jeff Cunningham (University of South Florida), Kimberly Jones (Howard University), Mohiuddin Khan (Washington State University and Los Alamos National Laboratory), Jaehong Kim (Yale University), Christian Lastoskie (University of Michigan), Greg LeFevre (University of Iowa), Jonathan (Josh) Sharp (Colorado School of Mines), Heather Shipley (University of Texas, San Antonio), Karl Linden – Board Liaison (University of Colorado, Boulder)

**Summary of Member Activities:** Members of the Conference Site Selection Committee work together to develop and disseminate a request for proposals to host the AEESP Research and Education Conference that is held every two years. The committee then evaluates proposals received from potential host committees and makes a recommendation to the AEESP Board of Directors.

## Awards Committee

**Chair:** Rob Nerenberg (University of Notre Dame) – [Nerenberg.1@nd.edu](mailto:Nerenberg.1@nd.edu)

**Summary of Member Activities:** Members of the Awards Committee manage and coordinate the AEESP and joint AEESP/AEES awards process. Members are needed each year to evaluate award nominations, a process that takes place in the spring or early summer of each year. Separate MS and PhD Award subcommittees also work to evaluate MS thesis and PhD dissertation award nominations. Awards are given out at the biennial AEESP conference, or at WEFTEC on alternate years.

## Education Committee

**Chair:** Rouzbeh Tehrani (Temple University) – [r.tehrani@temple.edu](mailto:r.tehrani@temple.edu)

**Current Members:** Angela R Bielefeldt (University Of Colorado Boulder), Bill Arnold (University of Minnesota), Jason Ren ((University Of Colorado Boulder), Jeff Starke (United States Military Academy West Point), Mohiuddin Md. Taimur Khan (Washington State University), Uta Krogmann (Rutgers University), April Gu – Board Liaison (Cornell)

**Summary of Member Activities:** Members of this committee focus on a range of activities to promote innovation within environmental engineering education. This includes examining problem-based learning modules and reviewing textbooks in the field of

environmental engineering and science. The committee has also coordinated the sharing of classroom and laboratory activities among members of the association. In past year, the committee has administered surveys the membership with respect to textbooks in water and wastewater treatment, and introductory environmental engineering.

### **Environmental Engineering Program Leader Committee**

**Chair:** Maria Chrysochoou (University of Connecticut) – [Maria.chrysochoou@uconn.edu](mailto:Maria.chrysochoou@uconn.edu)

**Current Members:** Joel Burken (Missouri University of Science and Technology), C.Y. Wu (University of Florida), Charles Haas (Drexel University), Christian Lastoskie (University of Michigan), Allison Mackay (Ohio State University), Barbara Minsker (Southern Methodist University), Tom DiStefano from Bucknell University

**Summary of Member Activities:** The Environmental Engineering Program Leaders Committee (EEPLC) was created to provide a platform for connections between the leaders of departments and programs with a focus on environmental engineering. As the field of environmental engineering has continued to evolve and expand, there is a need for environmental engineering program leaders to have resources for strengthening and growing their programs through networking with other program leaders and interacting as a common body with relevant professional societies and organizations (e.g., AAEEES, ASCE, ABET, ASEE, ACS, AGU, ASM).

### **Environmental Science and Policy Advisory Committee**

**Chair and Membership:** TBD, Greg Lowry - Board Liaison (Carnegie Mellon)

**Summary of Member Activities:** The Environmental Science and Policy Advisory Committee (ESPAC) is a new committee of leading members of our community that will work to provide unbiased reviews of the science supporting-selected planned regulatory actions under consideration by the EPA. The committee will also assess the appropriateness and scientific soundness of the conclusions presented in the EPA reports. The ESPAC will operate in a manner similar to that of the EPA's Charter Science Advisory Board (SAB) and the EPA SAB sub-committees. ESPAC will report its findings in writing and during the public comment period of the official US EPA SAB evaluation process. When possible, a representative from ESPAC will attend any planned teleconference or face-to-face meetings where public comments can be articulated to the EPA.

### **Fellows Committee**

**Chair:** Susan Powers (Clarkson University) – [sep@clarkson.edu](mailto:sep@clarkson.edu)

**Current Members:** Joseph Hughes (Drexel Univ); Bruce Rittmann (Arizona State Univ); Catherine Peters (Princeton Univ); Mark Rood (Univ Illinois at Urbana-Champaign); Nancy Love (Univ Michigan); Debra Reinhart (Univ Central Florida); Steven Chapra (Tufts Univ); Linda Weavers – Board Liaison (The Ohio State University)

**Summary of Member Activities:** This committee evaluates nominations for AEESP fellows on an annual basis. AEESP members that have demonstrated the highest levels of

teaching, research and/or service in the environmental engineering or science professorate, may be nominated as Fellows. Eligibility for becoming a Fellow also includes 15 years of membership in good standing in AEESP. A Steering Committee initiates and oversees activities of the Fellows including facilitating the nomination and selection of new AEESP Fellows. AEESP Fellows may provide service to the AEESP Board at the discretion of the Steering Committee.

### **Government Affairs Committee**

**Chair:** Kelvin Gregory (Carnegie Mellon) – [kelvin@cmu.edu](mailto:kelvin@cmu.edu)

**Current Members:** Vishar Shah (West Chester University), Eugene Le Boeuf (Vanderbilt), Yuefeng Xi (Penn State Harrisburgh), Alan Davis (Univ. of Maryland), Timothy Strathmann – Board Liaison (Colorado School of Mines)

**Summary of Member Activities:** Members of the Government Affairs Committee work closely with the Board of Directors on matters where AEESP needs a voice in governmental agencies. Specific activities include acting as a liaison between AEESP and federal agencies that sponsor or use environmental engineering and science research and education (e.g., organizing webinars for members), drafting policy statements that identify AEESP positions on important public issues, nominating AEESP members for key positions in government agencies and membership on advisory committees, and communicating AEESP priorities to legislators.

### **Internet Resources Committee**

**Chair:** Ning Dai (University of Buffalo) – [ningdai@buffalo.edu](mailto:ningdai@buffalo.edu)

**Current Members:** Lindsay Soh (Lafayette College), past chair, Kaoru Ikuma (Iowa State University), Webmaster, Sanjay Mohanty (University of California Los Angeles), Social Media Manager, Raju Badireddy (University of Vermont), Listserv Manager, Lutgarde Raskin – Board Liaison (University of Michigan)

**Summary of Member Activities:** Members of the Internet Resources Committee engage in a number of activities aimed at managing AEESP's internet presence. Three major activities include maintaining news postings on the AEESP website, send appropriate email announcement through the AEESP listserv, and managing social media outlets (Facebook, Twitter, and LinkedIn). The committee also works closely with the AEESP Board and business office to address emerging issues related to the internet presence of AEESP.

### **Lecturers Committee**

**Chair:** Ramesh Goel (University of Utah) – [rgoel@civil.utah.edu](mailto:rgoel@civil.utah.edu)

**Current Members:** Treaver Boyer (Arizona State), Caitlyn Butler (University of Massachusetts, Amherst), Drew Gentner (Yale), Robert Griffin (Rice University), Xingmao Ma (Texas A&M), Wayne Parker (University of Waterloo), David Ramirez (Texas A&M), Deborah Rodrigues (University of Houston), Amy Stuart (University of South Florida),

Shaily Mahendra – Board Liaison (UCLA)

**Summary of Member Activities:** Members of the Lecturers committee work to annually select the AEESP Distinguished Lecturer and the Distinguished Lecturer host institutions, and to assist in logistical arrangements for this lecture series. In addition, this committee is involved in the selection of the AEESP lecturers for a number of other AEESP-sponsored events, including the AWWA Annual Conference and Exposition (ACE); AWWA WQTC, A&WMA Meet and Greet Breakfast, WEFTEC Scientists Luncheon and Research Symposium, and the American Association for Aerosol Research (AAAR) Lecture.

### **Membership and Demographics Committee**

**Chair:** Ramanitharan Kandiah (Central State University) – [rkandiah@centralstate.edu](mailto:rkandiah@centralstate.edu)

**Current Members:** Bella Chu (Texas A&M), Ching-Hua Huang (Georgia Tech), Alexandria Boehm (Stanford), Cyndee Gruden (University of Toledo), Judith Perlinger (Michigan Technological University), Lee Clapp (Texas A&M, Kingsville), Debbie Niemeier (University of California Davis), Michael Penn (University of Wisconsin Platteville), Shannon Bartelt-Hunt (University of Nebraska Lincoln), Krista Wigginton (University of Michigan), Nicole Fahrenfeld (Rutgers), Ezra Cates (Clemson), Lee Blaney (University of Maryland Baltimore County), Kimberly Jones (Howard University) Willie Harper (Air Force Institute of Technology), Joel Ducoste - Board Liaison (North Carolina State)

**Summary of Member Activities:** Members of the Membership and Demographics Committee work together on a range of activities that seek to enhance student and faculty diversity within the environmental engineering and science community. Specific activities include identifying the methods by which groups within NSF, the EWC and the Census Bureau obtain data on populations in environmental engineering, identifying types of demographic data for environmental engineering and science programs that would provide useful benchmarks for the AEESP membership, and periodically updating and analyzing trends in demographics among environmental engineering and science professionals, university programs in these areas and within the AEESP itself.

### **Newsletter Editor**

**Editor:** Laura H. Arias Chavez (Tennessee Tech University) – [lchavez@tntech.edu](mailto:lchavez@tntech.edu)

**Summary of Activities:** The Newsletter Editor is responsible for preparing the three AEESP Newsletters three times year (January, May, and November). The Editor solicits contributions from AEESP members and the Board members.

### **Nominating Committee**

**Chair:** Peter Vikesland (Virginia Tech) – [pvikes@vt.edu](mailto:pvikes@vt.edu)

**Current Members:** Greg Characklis (University of North Carolina, Chapel Hill), John Tobiason (University of Massachusetts, Amherst)

**Summary of Member Activities:** This committee, composed of the three most recent past presidents of AEESP, is charged with the task of nominating candidates to stand for election to the Board of Directors. The Bylaws require that the committee nominate at least six candidates for consideration each year.

### **Publications Committee**

**Chair:** Susan Masten (Michigan State University) – [masten@egr.msu.edu](mailto:masten@egr.msu.edu)

**Current Members:** Baolin Deng (Univ. of Missouri), Jonathon Brent (Univ. Wyoming), Derek Brown (Lehigh Univ), Ramana Gadhamshetty (South Dakota School of Mines), Harmonie Hawley (Univ Texas-Tyler), Mohinnudin Khan, Mark Krzmarzick (Oklahoma State Univ.), Paige Novak – Board Liaison (University of Minnesota), Catherine Peter – Ex officio Member

**Summary of Member Activities:** Members of the Publications Committee identify and coordinate opportunities for publication of AEESP-themed publications. They also serve coordinate association interactions with Environmental Engineering Science, the association’s official journal, developing ideas for special themed issues. The Publications Committee also currently writes highlights of articles published in the AEESP journal, Environmental Engineering Science. The Publications Committee is also responsible for the selection of the AEESP/Mary Ann Liebert Award for Publication Excellence in *Environmental Engineering Science*

### **Strategic Planning Committee**

**Chair:** ad hoc when needed

**Members:** ad hoc when needed

**Summary of Member Activities:** This committee, organized on an ad hoc basis by the Board of Directors, performs a strategic planning exercise for the Association, to set the priorities and agenda for the Association in the future.

### **Student Services Committee**

**Chair:** Philip Larese-Casanova (Northeastern University) – [phil@coe.neu.edu](mailto:phil@coe.neu.edu)

**Current Members:** Randi Brazeau (Metropolitan State University of Denver), Patrick McNamara (University of Notre Dame), Fabrizio Sabba (Nuvoda), Andrea Achilli (Humbolt University), Jennifer Benning (South Dakota School of Mines and Technology), Stephanie Bolyard (Environmental Research & Education Foundation), Ellison Carter (Colorado State), Ramesh Goel (University of Utah), Ameet Pinto (Northeastern University), Mark Weir (Ohio State), Teng Zeng (Syracuse University), Wen Zhang (New Jersey Institute of Technology), Julie Zimmerman (Yale University)

**Summary of Member Activities:** Members of the Student Services Committee coordinate several activities aimed at providing current and prospective students and postdoctoral scholars with information and resources regarding professional development and post-graduation employment. To this end, the Committee organizes job application review workshops at AEESP conferences, virtual job application review opportunities, and

maintains a wiki website on career development. The Committee also investigates ways to improve communication and community among graduate students and postdoctoral scholars.

### **Sustaining Member Engagement Committee**

**Chair:** John Tobiason (University of Massachusetts, Amherst) – [tobiason@umass.edu](mailto:tobiason@umass.edu);  
Paige Novak – Board Liaison (University of Minnesota)

**Summary of Member Activities:** The Sustaining Member Engagement Committee connects regularly with the AEESP sustaining members via email and phone to facilitate involvement in AEESP activities, such as involvement in the AEESP Conference, development of webinars, and access to current students for professional opportunities.

# **Detailed Committee Descriptions – January 2018**

## **2019 Conference Planning – Site/Committee TBD**

**Board contact: Karl Linden**



Committee Name:	<b>Conference Site Selection Committee</b>
Committee Charge from Handbook:	The charge to the Conference Site Selection Committee is to develop and disseminate the Request for Proposals to host the next AEESP Research and Education Conference; evaluate proposals from potential host committees; and to submit a recommendation to the AEESP Board in a timely fashion so that the Board may make the final site determination. The Site Selection Committee's work is then complete until the next conference planning cycle commences.
Current Chair, affiliation, and term:	Junko Munakata Marr, Colorado School of Mines, 2015-present
Current Chair email:	junko@mines.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	
Current members with affiliations and terms of appointment:	Andrea Achilli, University of Arizona Jeff Cunningham, University of South Florida Kimberly Jones, Howard University Mohiuddin Khan, Washington State University and Los Alamos National Laboratory Jaehong Kim, Yale University, 2015-present Christian Lastoskie, University of Michigan, 2017-present Greg LeFevre, University of Iowa, 2017-present Jonathan (Josh) Sharp, Colorado School of Mines Heather Shipley, University of Texas, San Antonio Karl Linden, University of Colorado, Boulder, AEESP Board Liaison
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Met at AEESP Conference to revamp RFP</li> <li>• Finalized RFP with entire committee via email</li> <li>• Publicized RFP via listserv, website and newsletter</li> </ul>

Committee Name:	<b>Awards Committee</b>
Committee Charge from Handbook:	No concise "charge" available in handbook. A proposed charge is provided below.
Current Chair, affiliation, and term:	Rob Nerenberg, University of Notre Dame, 2017-2019
Current Chair email:	Nerenberg.1@nd.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	None
Current members with affiliations and terms of appointment (NEEDS TO BE UPDATED FOR MEMBERS CYCLING OUT THIS YEAR):	<p>Main Committee:</p> <ul style="list-style-type: none"> <li>• Kevin Finneran, Clemson University (2016-2018)</li> <li>• Avery Demond, University of Michigan (2015-2017)</li> <li>• Michelle Scherer, University of Iowa (2017-2019)</li> <li>• Caitlyn Butler, University of Massachusetts Amherst (2017-2019)</li> <li>• Desmond Lawler, University of Texas at Austin (2017-2019)</li> </ul> <p>PhD Awards Subcommittee</p> <ul style="list-style-type: none"> <li>• Aria Amirbahman University of Maine (2015-2017)</li> <li>• David Cwiertny, University of Iowa (2017-2019)</li> <li>• Lucy M. Camacho, Texas A&amp;M Kingsville (2015-2017)</li> <li>• Wen Zhang, NJ Institute of Technology (2017-2019)</li> <li>• Wenjie Sun, Southern Methodist University (2017-2019)</li> </ul> <p>MS Awards Subcommittee</p> <ul style="list-style-type: none"> <li>• Boris Lau, University of Massachusetts Amherst (2016-2018)</li> <li>• James Stone, South Dakota School of Mines (2015-2017)</li> <li>• Srijan Aggarwal, University of Alaska Fairbanks (2016-2018)</li> <li>• Jeff Nason, Oregon State University (2015-2017)</li> </ul>
Does the official committee charge reflect the current activities of the committee?	NA
If no, provide a proposed revised charge that better reflects current activities:	The AEESP Awards Committee manages and coordinates AEESP and joint AEESP/AAEES awards. The primary activity is assessing award nominations, which takes place in the spring or early summer of each year. Separate MS and PhD subcommittees evaluate MS thesis and PhD dissertation award nominations. Committee members typically serve for three years.
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• The committee mostly reviews submissions for AEESP and joint AAEES/AEESP awards</li> <li>• Some outreach is done, mostly by the chair, to advertise awards and promote submissions</li> <li>• Awards are given out at the biennial AEESP conference, or at WEFTEC on alternate years</li> </ul>

## **Education Committee – Information Missing**

**Chair – Rouzbeh Tehrani**

**Board contact: April Gu**

Committee Name:	<b>Environmental Engineering Program Leaders Committee</b>
Committee Charge from Handbook:	The Environmental Engineering Program Leaders Committee (EEPLC) was created to provide a platform for connections between the leaders of departments and programs with a focus on environmental engineering. As the field of environmental engineering has continued to evolve and expand, there is a need for environmental engineering program leaders to have resources for strengthening and growing their programs through networking with other program leaders and interacting as a common body with relevant professional societies and organizations (e.g., AAEEES, ASCE, ABET, ASEE, ACS, AGU, ASM).
Current Chair, affiliation, and term:	Maria Chrysochoou, University of Connecticut, Nov 2017-2019
Current Chair email:	<a href="mailto:Maria.chrysochoou@uconn.edu">Maria.chrysochoou@uconn.edu</a>
Current Co-Chair/Vice-Chair and affiliation (if any):	Joel Burken, Missouri University of Science and Technology
Current members with affiliations and terms of appointment:	<ol style="list-style-type: none"> <li>1. C.Y. Wu, University of Florida (2015-)</li> <li>2. Charles Haas, Drexel University (2015-)</li> <li>3. Christian Lastoskie, University of Michigan (2016-)</li> <li>4. Allison Mackay, Ohio State University (2016-)</li> <li>5. Barbara Minsker Southern Methodist University</li> <li>6. Tom DiStefano from Bucknell University</li> </ol>
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• EEPL meeting during 2017 AEESP conference</li> <li>• ABET, recruitment and industrial advisory sub-workshops and presentations during EEPL meeting</li> </ul>

Committee Name:	<b>Environmental Science and Policy Advisory Committee (ESPAC)</b>
Committee Charge from Handbook:	This committee provides unbiased reviews of the science supporting selected planned regulatory actions under consideration by the EPA. The committee will also assess the appropriateness and scientific soundness of the conclusions presented in EPA reports.
Current Chair, affiliation, and term:	TBD (But hopefully David Dzombak)
Current Chair email:	
Current Co-Chair/Vice-Chair and affiliation (if any):	TBD
Current members with affiliations and terms of appointment:	TBD
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• We are in the process of identifying a chair and committee members for this ad hoc committee</li> </ul>

## **Fellows Committee – Information Missing**

**Chair – Susan Powers**

**Board Contact – Linda Weavers**

Committee Name:	<b>Government Affairs Committee</b>
Committee Charge from Handbook:	<p>The overall mission of the Government Affairs Committee is to work closely with the Board of Directors on matters where AEESP needs a voice in governmental agencies. Specific activities include:</p> <ol style="list-style-type: none"> <li>1. Act as liaison between AEESP and federal agencies that sponsor or use environmental engineering and science research and education. These agencies include, but are not limited to, the National Science Foundation, the Environmental Protection Agency, and the Department of Agriculture. Specific tasks may include: <ol style="list-style-type: none"> <li>a. Support exchanges of information with government funding agencies so that membership is aware of funding agency programs and expectations and funding agencies are aware of membership’s interests and capabilities;</li> <li>b. Assist AEESP Officers in setting up meetings with key personnel in NSF, EPA, and other federal agencies as requested; and</li> <li>c. Assist in other efforts as requested by the AEESP Board and specific federal agencies.</li> </ol> </li> <li>2. Draft Policy Statements that identify AEESP positions on important public issues.</li> <li>3. Work with the AEESP Board of Directors to suggest the names of AEESP members for key positions in government agencies and membership on advisory committees, as requested.</li> <li>4. Work with the AEESP Board of Directors and other AEESP Committees to publicize progress, key findings, gaps, and priorities in environmental engineering and science research, as appropriate.</li> <li>5. As appropriate, prepare letters to key members of the U.S. House of Representatives and the Senate to express support for funds for environmental research and education, with particular emphasis on the need for improved support for environmental engineering. Key members include the chairs of the Science and Appropriations Committees in both the House and Senate.</li> </ol>
Current Chair, affiliation, and term:	Kelvin Gregory, Carnegie Mellon University
Current Chair email:	<a href="mailto:kelvin@cmu.edu">kelvin@cmu.edu</a>
Current Co-Chair/Vice-Chair and affiliation (if any):	None
Current members with affiliations and terms of appointment:	Vishar Shah (West Chester University), Eugene Le Boeuf (Vanderbilt), Yuefeng Xi (Penn State Harrisburgh), Alan Davis (Univ. of Maryland)
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Review policy statement on science</li> <li>• Discuss coordination with AWWA, WEF, others</li> <li>• Discuss making legislator ‘toolbox’ to interact with representatives</li> </ul>

Committee Name:	<b>Internet Resources Committee</b>
Committee Charge from Handbook:	<p><b>Charge for the Internet Resources Committee:</b></p> <ol style="list-style-type: none"> <li>1) This Committee is responsible for the design and maintenance of the AEESP web site according to the CHECKLIST below, and for identification and implementation of new functions of the web site.</li> <li>2) This Committee is responsible for maintenance of the email listserv, according to the policies established by the Board (see POLICIES: Newsletter and Listserv Policies).</li> <li>3) The Committee is responsive to the Board of Directors with regard to changes to the content of the web site and the manner in which the listserv is functioning. Every fall, the Board contact should provide the committee with a list of items that need to be updated. (See CHECKLIST below.)</li> <li>4) According to the directions of the Board, the Committee will maintain a password-protected portion of the web site, for Board-only access. As specified in the Archives section below, this site should archive current and past editions of the Administrative Handbook, recent and past Board meeting agendas, recent and past Board meeting agenda attachments, recent and past Board meeting minutes, and AEESP letterhead templates. Also, this site should be used to house special committee reports, such as those of the Strategic Planning Committee, the 2004 Mission Committee, the Membership and Demographics Committee Survey report of 1999, etc.</li> <li>5) The Committee deals directly with the AEESP Business Office regarding financial and business matters as needed.</li> <li>6) The Committee serves the AEESP Membership by enabling communication through the email listserv and posting ads, as well as protecting the Membership from undesirable postings and breaches in confidentiality and security.</li> </ol> <p><b>Structure of the Committee, as modified by the Internet Resources Committee and approved by the Board at the spring 2004 meeting:</b></p> <ol style="list-style-type: none"> <li>1) The Chair of the Internet Resources Committee oversees the actions of the Committee, is the point of contact, and is ultimately responsible for the site. The Chair has access to the web site and knows how to execute day-to-day tasks, but is not primarily responsible for these tasks.</li> <li>2) The website Administrator is responsible for updates and edits to the website, news and job postings, corresponding with the Business Office to ascertain that postings have been paid for.</li> <li>3) The Listserv Administrator corresponds with members who submit listserv items, sends emails out to the membership, updates the listserv email list when a new list is provided by the Business Office.</li> </ol> <p>This Committee operates such that the Listserv Administrator moves to Website Administrator. The Website Administrator moves to Chair. Each term is one year, resulting in a three-year term of service overall. Every year, the new committee member moves into the Listserv Administrator position. Each Committee member must hand over a list of tasks to next in line at the end of their term in each position.</p>



**CHECKLIST OF WEB SITE ITEMS THAT REQUIRE REGULAR UPDATING –  
established by the Board in January 2003**

1. News, Announcements, and Highlights on the banner (update quarterly as appropriate: the banner can contain any items of broad interest to the membership)
  - a. Events, conferences and workshops
  - b. Awards: Recipients, nomination instructions, and deadlines (update annually)
  - c. Members news and jobs
  - d. Newsletter
  - e. Lecture series
2. AEESP Mission Statement and Bylaws (update only if notified by Board)
3. Job Announcements (post job ads within a week of receipt of payment at the Business Office – items are automatically set to disappear after 6 months, but can be set to be removed earlier)
  - a. Faculty
  - b. Administration
  - c. Post-doc
  - d. Graduate
  - e. Undergraduate
  - f. Industry
  - g. Government
  - h. NGOs
4. AEESP Organization and Appointments (update annually after fall/summer Board meeting)
  - a. Board members (and pictures)
  - b. Officers
  - c. Committees, Committee Chairs, and Board Contacts
  - d. Business Office
  - e. Web Site Administration
5. Updated membership application forms (update annually after AEESP Board meeting)
6. Publications (update as received)
  - a. Featured publications
  - b. New book announcements and reviews (e.g., from newsletter?)
  - c. Newsletter archives
7. Education (update annually)
  - a. Check environmental engineering program list for duplications and find and fix user profiles causing the duplication
  - b. Resources (new software, teaching materials, etc.)

Current Chair, affiliation, and term:	Ning Dai (University at Buffalo) November 2017 – October 2018
Current Chair email:	ningdai@buffalo.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	
Current members with affiliations and terms of appointment:	Lindsay Soh (Lafayette College), Past Chair, November 2017 – October 2018 Kaoru Ikuma (Iowa State University), Webmaster, November 2017 – October 2018 Sanjay Mohanty (University of California Los Angeles), Social Media Manager, November 2016 – October 2018 Raju Badireddy (University of Vermont), Listserv Manager, November 2017 – October 2018 Brian Schorr, AEESP Business Office
Does the official committee charge reflect the current activities of the committee?	Yes. Below is a summary of the primary activities of the committee.
If no, provide a proposed revised charge that better reflects current activities:	The three routine tasks of IRC are to (1) maintain news postings on the AEESP website (aeesp.org), (2) send appropriate email announcement through the AEESP listserv (aeesp@list.msu.edu), and (3) manage the social media outlets (Facebook, Twitter, and LinkedIn). IRC also works closely with the AEESP business office to address emerging issues related to the internet presence of AEESP.
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Continues to manage the AEESP listserv emails</li> <li>• Further develop the Social Media Manager position and strengthen the presence of AEESP on Facebook, Twitter, and LinkedIn</li> <li>• Follow up with the improvement suggested by the 2017 AEESP website survey</li> </ul>

Committee Name:	<b>Lecturers Committee</b>
Committee Charge from Handbook:	The major purpose of this committee is to annually select the AEESP Distinguished Lecturer and the Distinguished Lecturer host institutions, and assist in logistical arrangements for this lecture series. In addition, this committee is involved in the selection of the AEESP lecturers for the following: <ul style="list-style-type: none"> <li>• AWWA Annual Conference and Exposition (ACE);</li> <li>• AWWA WQTC</li> <li>• A&amp;WMA Meet and Greet Breakfast;</li> <li>• WEF Annual Conference (WEFTEC) Scientists Luncheon;</li> <li>• WEFTEC Research Symposium;</li> <li>• American Association for Aerosol Research (AAAR) Lecture.</li> </ul>
Current Chair, affiliation, and term:	Ramesh Goel, Professor, University of Utah, 2017-2019
Current Chair email:	ram.goel@utah.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	Debora F. Rodrigues; University of Houston; Civil and Environmental Engineering
Current members with affiliations and terms of appointment:	Please see attached sheet
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Three members finished their terms. The chair is looking for replacement</li> <li>• Call for nominations for 2018-19 AEESP Distinguished Lecturer will be sent to committee members soon</li> <li>• Ongoing 2017-18 AEESP distinguish Lecture is on schedule.</li> </ul>

#	Last Name	First Name	Affiliation	Email	Year Joined	Term #	Term Expires	Organization Involvement				Assignment
								AWWA	WEF	AWMA	AAAR	
1	Wang	Zhiwu	Virginia Tech	<a href="mailto:wzw@vt.edu">wzw@vt.edu</a>								
2	Boyer	Treavor	Arizona State	<a href="mailto:thboyer@asu.edu">thboyer@asu.edu</a>	2016	1	2019	Y				ACE Lecture - Chair
3	Butler	Caitlyn	UMass Amherst	<a href="mailto:cbutler@ecs.umass.edu">cbutler@ecs.umass.edu</a>	2012	2	2018		Y			WEFTEC Subcommitte
1	Gentner	Drew	Yale	<a href="mailto:drew.gentner@yale.edu">drew.gentner@yale.edu</a>	2015	1	2018				Y	AAAR Lecture - Membe
2	Goel	Ramesh	Univ. of Utah	<a href="mailto:rgoel@civil.utah.edu">rgoel@civil.utah.edu</a>	2012	2	2019		Y			WEFTEC Subcommitte
3	Griffin	Robert	Rice Univ.	<a href="mailto:rjg6@rice.edu">rjg6@rice.edu</a>	2012	2	2018				Y	AAAR Lecture - Chair
4	Ma	Xingmao (Sam)	Texas A&M	<a href="mailto:samuelma@exchange.tamu.edu">samuelma@exchange.tamu.edu</a>	2012	2	2018			Y		A&WMA - Member
5	Parker	Wayne	Univ. of Waterloo	<a href="mailto:wjparker@uwaterloo.ca">wjparker@uwaterloo.ca</a>	2013	2	2019		Y			WEFTEC Liasion
6	Ramirez	David	Texas A&M	<a href="mailto:kfd000@tamuk.edu">kfd000@tamuk.edu</a>	2013	2	2019			Y		A&WMA - Chair
7	Rodrigues	Debora	University of Houston	<a href="mailto:dfriero@Central.UH.EDU">dfriero@Central.UH.EDU</a>	2014	1	2017		Y			WEFTEC Subcommitte
8	Stuart	Amy	Univ. of South Florida	<a href="mailto:als@usf.edu">als@usf.edu</a>	2013	2	2019			Y		A&WMA - Member

Yellow cells show vacant slots and grey color reflects potential new member but not finalized. Looking for 2 AWWA-related and one AAAR-related faculty.

Committee Name:	<b>Membership and Demographics</b>
Committee Charge from Handbook:	<p>The Committee's charge in the area of demographics is to:</p> <ol style="list-style-type: none"> <li>1) Identify the methods by which groups within NSF, the EWC and the Census Bureau obtain data on populations in environmental engineering;</li> <li>2) Identify types of demographic data for environmental engineering and science programs that would provide useful benchmarks for the AEESP membership; and</li> <li>3) Periodically update the data provided in the area of demographics—at 3-5 year intervals—following the data gathering plan adopted and emphasizing collection of data not otherwise obtained.</li> <li>4) Chart trends in demographics among environmental engineering and science professionals, university programs in these areas and within the AEESP itself.</li> </ol> <p>This committee seeks to enhance student and faculty diversity within the environmental engineering and science community</p>
Current Chair, affiliation, and term:	Ramanitharan Kandiah, Central State University, 2017-2018
Current Chair email:	rkandiah@centralstate.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	-
Current members with affiliations and terms of appointment:	<p>Bella Chu; [kchu@civil.tamu.edu]; Texas A&amp;M University; 'Ching-Hua Huang' [ching-hua.huang@ce.gatech.edu]; Georgia Tech University  'Alexandria Boehm' [aboehm@stanford.edu]; Stanford University; 'Cyndee Gruden' [cyndee.gruden@eng.utoledo.edu]; University of Toledo; 'Judith Perlinger' [jperl@mtu.edu]; Michigan Technological University; 'Lee Clapp' [Lee.clapp@tamuk.edu]; Texas A&amp;M University Kingsville; 'Debbie Niemeier' [dniemeier@ucdavis.edu]; University of California Davis; 'Michael Penn' [mrpenn@uwplatt.edu]; University of Wisconsin Platteville; 'Shannon Bartelt-Hunt' [sbartelt2@unl.edu]; University of Nebraska Lincoln; 'Krista Wigginton' [kwigg@umich.edu]; University of Michigan Ann Arbor; 'Nicole Fahrenfeld' [nfahrenf@rutgers.edu]; Rutgers University; 'Ezra L Cates' [ecates@clemson.edu]; Clemson University; 'Lee Blaney' [blaney@umbc.edu]; University of Maryland Baltimore County; 'Jones, Kimberly L' [kljones@howard.edu]; Howard University; 'Harper, Willie F Civ USAF AETC AFIT/ENV' [willie.harper@afit.edu]; Air Force Institute of Technology; 'Ramanitharan Kandiah' [rkandiah@centralstate.edu], Central State U,</p>
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better	-

reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• AEESP/EESF* Student Video Competition</li> <li>• Graduate student membership fee</li> <li>• Focus on Environmental engineering program and demographical data collection</li> <li>• Possible AEESP's role in providing guidance to environmental engineering student organizations</li> </ul>

Committee Name:	<b>Newsletter Editor</b>
Committee Charge from Handbook:	The Newsletter Editor prepares each newsletter and is largely responsible for its content.
Current Chair, affiliation, and term:	Laura H. Arias Chavez, Tennessee Tech University, January 2018 – January 2021
Current Chair email:	<a href="mailto:lochavez@tntech.edu">lochavez@tntech.edu</a>
Current Co-Chair/Vice-Chair and affiliation (if any):	N/A
Current members with affiliations and terms of appointment:	N/A
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	N/A
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Former Editor Steve Mylon published three Newsletters, in January, May, and November.</li> <li>• A call was issued for a new Newsletter Editor, and Laura Arias Chavez was selected. She observed Steve Mylon’s work on the November newsletter and contributed to its editing.</li> <li>• Laura Arias Chavez has started receiving items for the January 2018 newsletter. She will work with Brian Schorr to complete it, and Steve Mylon will be available for questions and feedback.</li> </ul>

Committee Name:	<b>Nominating Committee</b>
Committee Charge from Handbook:	This committee is charged with the task of nominating candidates for election to the Board of Directors. The Bylaws require that the committee nominate at least six candidates
Current Chair, affiliation, and term:	Peter Vikesland, Virginia Tech, 1 year
Current Chair email:	pvikes@vt.edu
Current Co-Chair/Vice-Chair and affiliation (if any):	
Current members with affiliations and terms of appointment:	Greg Characklis, UNC John Tobiason, U Mass
Does the official committee charge reflect the current activities of the committee?	Yes
If no, provide a proposed revised charge that better reflects current activities:	
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• A new slate of BoD candidates will be forwarded to the Board in Spring 2018. Once the slate is approved the potential candidates will be contacted.</li> <li>• A final slate of candidates who will go up for election will be presented to the Board prior to the 2018 AEESP Election.</li> </ul>

## **Publications Committee – Information Missing**

**Chair – Susan Masten**

**Board Contact – Paige Novak**



## **Strategic Planning Committee – Information Missing**

**Chair – n/a (Committee Inactive)**

**Board Contact – Karl Linden**

Committee Name:	<b>Student Services Committee</b>
Committee Charge from Handbook:	The primary responsibility of the SSC is the coordination of a workshop designed to guide graduate students, post-doctoral researchers and young professionals through the process of finding permanent jobs in academia.
Current Chair, affiliation, and term:	Philip Larese-Casanova, Northeastern University, July 2015-July 2018
Current Chair email:	<a href="mailto:phil@coe.neu.edu">phil@coe.neu.edu</a>
Current Co-Chair/Vice-Chair and affiliation (if any):	Randi Brazeau, Metropolitan State University of Denver
Current members with affiliations and terms of appointment:	Philip Larese-Casanova, Chair, Northeastern University Randi Brazeau, Vice-Chair, Metropolitan State University of Denver Patrick McNamara, Co-Secretary, Marquette University Fabrizio Sabba, Co-Secretary, Nuvoda Andrea Achilli, Humbolt University Jennifer Benning, South Dakota School of Mines and Technology Stephanie Bolyard, Environmental Research & Education Foundation Ellison Carter, Colorado State University Ramesh Goel, University of Utah Ameet Pinto, Northeastern University Mark Weir, The Ohio State University Teng Zeng, Syracuse University Wen Zhang, New Jersey Institute of Technology Julie Zimmerman, Yale University
Does the official committee charge reflect the current activities of the committee?	Not so much.
If no, provide a proposed revised charge that better reflects current activities:	The mission of the Student Services Committee of AEESP is to provide current and prospective students and postdoctoral scholars in environmental engineering and science with information and resources regarding professional development and post-graduation employment. To this end, the SSC organizes a biannual job application review workshop at AEESP conferences; a biannual, virtual job application review opportunity; and a wiki website on career development. The SSC also investigates ways to improve communication and community among graduate students and postdoctoral scholars.
2-3 bullet points highlighting current activities of committee during 2017-18:	<ul style="list-style-type: none"> <li>• Organize and conduct the biannual academic job application review program for graduate students and postdoctoral scholars.</li> <li>• Organize and promote the SSC wiki website to share information on scholarship and fellowship opportunities and resources on academic, business sector, and non-profit careers.</li> <li>• Evaluate the state of undergraduate student chapters of professional organizations within environmental engineering and science fields.</li> </ul>

## **Sustaining Member Engagement – Information Missing**

**Chair – John Tobiason**

**Board Contact – Linda Weavers**