

Draft Minutes
Environmental Division Executive Committee Teleconference Meeting
May 18, 2023

Attendees: Kerry Kelly, Matthew Alexander, Marwa El-Sayed, Sage Hiibel, William Linak, Alexander Orlov, Gerardo Ruiz-Mercado, Enoch Nagelli, Robert W. Peters, Kurt Rindfusz, David Russell, Richard Siegel, Shweta Singh, Jason Trembly, Michael Wong, Kirti Yenkie, Fengqi You **Others present???**

DRAFT AGENDA

1. Welcome, Introductions and Roll Call (Kerry Kelly)
2. Review and Approval of Past Meeting Minutes (Robert W. Peters)
3. Treasurer report (Gerardo)
4. Update from the Past Chair (Alexander Orlov)
 - a. Update on fundraising campaign (Alex Orlov and Kerry Kelly)
 - i. Strategy to approach previous Cecil award winners to assist with contacts (see attached list)
 - b. Bylaws approved!!!
5. Update from the Chair (Kerry Kelly)
 - a. Award application due dates, advertising (website updated, thanks to Matt for sending out another email blast to chairs)
 - i. Question about self-nominations
 - b. ED dinner bill
 - c. ED Tasks and updates
6. Update from the First Vice-Chair (Matt Alexander – membership reminders, operating manual, award duties)
7. Update from the First Vice-Chair (Kirti Yenkie – website, LinkedIn, coordinate with SEF on fall dinner, award duties)
8. CTOC update (Fengqi You)
9. Webinars Update including recent student webinar (Marwa El-Sayed)
10. Update from Programming Chair and Co-Chair on the National Meeting (Jason Trembly and Shweta)
11. Fall get together (David Russell)
12. Next meetings – June 8th (open meeting) 9 am PST, 10 am MST, 11 am CST, noon EST; July – no meeting will poll for August through December.

Draft Minutes

The meeting began at 12:00 p.m. EST.

The draft minutes from the April 6th Environmental Division Executive Committee meetings were approved.

Upcoming deadlines include June 1st (submittal of Environmental Division award nominations) and July 1st (submittal of Environmental Division student paper award nominations). Discussion followed whether self-nominations should be allowed; the general consensus was that self-nominations would be allowed. However, for the student best paper awards, student nominations should be submitted by faculty. Such discussion will be put in the Environmental Division Operating Manual. Only one paper has been submitted at this point in time, but there is still time to submit for the award.

Kirti Yenkie provided an update report from the 2nd Vice-Chair. The LinkedIn and website have been updated with events (webinars, student panels, and award highlights). Kirti Yenkie has assisted Marwa El-Sayed on the use of the zoom account for setting up webinars, e-mail reminders, follow-up with webinar attendees and non-attendees. Kirti Yenkie has a sufficient number of Cecil Award Review Committee members. CTOC has approved the revised Bylaws to send for approval by the Environmental Division membership. Kirti will be adding the Environmental Division Bylaws to the Environmental Division website with help from Derek Ward. Kirti will also be advertising the Environmental Division Open Meeting in June on social media and on the Environmental Division website, along with an invitation text from Kerry Kelly.

Marwa El-Sayed provided a brief update on the webinars. Potential topics being considered for this year include: Big data in environmental engineering; Decarbonization; Machine learning in environmental engineering; Role of digitalization in the environment; and Sustainable environmental solutions.

The student green careers webinar was held last week. Logistics were okay, there were good student/panelist interactions. Although 49 students registered for the webinar, there were only 10 to 11 student attendees. This may be due to students taking final exams and undergoing graduation activities. Concerns were expressed related to the timing of the spring semester student webinar. Richard Siegel suggested going back to the students who did not attend to see why they failed to attend the webinar. It was pointed out that this may be difficult to do. Perhaps a short survey could be sent to the webinar non-attendees.

Jason Trembly provided a summary of the Environmental Division programming activities of the Environmental Division. At the end of the draft minutes is a table listing the number of accepted abstracts received for the Environmental Division sessions for the 2023 Annual AIChE Meeting. There are 23 technical sessions planned for presentation at the AIChE Meeting. June 9th is the deadline for finalizing the draft sessions planned for presentation at the AIChE Meeting. The Environmental Division has had good response for the new session on “Emerging Frontiers in Environmental Chemical Engineering”.

Discussion followed that the student best paper award winners should be allowed to provide a 2–3 minute briefing of their research activities in the Environmental Division Awards session.

David Russell suggested having a session in the future to provide a 1-day tutorial in next year’s programming. This could be tied in with professional development credits.

David Russell provided a brief update on the fall meeting Environmental Division get-together. There are a variety of options available. The associated restaurants are somewhat resistant to having an appetizer-only event with a cash-bar. The Environmental Division needs to select the final format for the event by the August EDEC meeting.

Gerardo Ruiz-Mercado provided a brief summary regarding the treasurer’s report. About \$1100 has been donated to cover the bar-bill deficit from the 2022 Environmental Division dinner. In the April minutes, Gerardo put the information for January-February 2023 as having a net loss of \$1,407.98). In today’s meeting, Gerardo indicated the information for January, February, and March 2023 as having a net profit of \$0.72.

Alex Orlov presented an update regarding the Environmental Division award fund-raising activities. Previous Cecil Award winners are being contacted to seek donations for the awards. Additionally, professionals outside of the Environmental Division will be approached for donations. Also, industrial sponsors will be solicited for their support.

Discussion also followed whether plaques should be provided to student best paper award winners. Should undergraduate students receive poster awards for being selected as a best student paper award winner? Jason Trembly will pursue.

The next Environmental Division Executive Committee Meeting will be an open meeting open to the entire Environmental Division membership (conducted

in a webinar form) to be held on June 8th. There will not be an EDEC meeting in July. Link to register and join the meeting is:

https://aiche.zoom.us/webinar/register/WN_nzU_yXrTomg-vjOGmtOJg

The meeting concluded at 12:57 p.m. EST.

Draft minutes submitted by:

Robert W. Peters, Ph.D., P.E.

Secretary, Environmental Division, AIChE

Professor Emeritus of Environmental Engineering

Department of Civil, Construction, and Environmental Engineering

University of Alabama at Birmingham

1075 13th Street South

Birmingham, AL 35294-4440

phone: (205)-934-8434; cell phone: (205)-568-6287

e-mail: rwpeters@uab.edu; rwpeters2004@gmail.com

Cecil Award Winner list and some outreach contact (if known)

Name	Year	Outreach contact
Yinlun Huang	2022	
Robert Peters	2021	
Phillip Savage	2020	
Bhavik Bakshi	2019	
Mark Barteau	2018	
JoAnn Lighty	2017	Kerry
Spyros Pandis	2016	
Pratim Biswas	2015	
Panagiotis Smirniotis	2014	
Heriberto Cabezas	2013	
Gregory Carmichael	2012	
Urmila Diwekar	2011	
Vasilios Manousiouthakis	2010	
Arup Sengupta	2009	
Menachem Elimelech	2008	
Larry Erickson	2006	
Jost Wendt	2004	Kerry
Yoram Cohen	2003	
Subhas Sikdar	2002	
Danny Reible	2001	
Selim Senkan	1991	
Michael Overcash	1990	
Robert Ahlert	1988	
Gary Bennett	1975	Larry?

Table 1. Abstracts Accepted for Environmental Division Sessions.

Session Title	Abstracts Accepted
09 Environmental Division Awards 09 Environmental Division Poster Session 09 Emerging Frontiers in Environmental Chemical Engineering 09A Atmospheric Chemistry and Physics: Laboratory, Modeling, and Field Studies 09B Advanced Treatment Technologies for Water I 09B Advanced Treatment Technologies for Water II 09B Remediation of Emerging Contaminants and Legacy Compounds 09B Water Reuse and Recycling 09C Fundamentals and Applications for Municipal Solid Waste Treatment and Valorization I 09C Waste Plastic – Recycle, Reuse and Remediation Strategies I 09C Waste Plastic – Recycle, Reuse and Remediation Strategies II 09E Extreme Weather and Natural Disasters – An Environmental and Legal Perspective (Panel) 09F Fundamentals and Applications for Waste Treatment and Valorization I 09F Fundamentals of Environmental Kinetics and Food, Energy, and Water Systems 09F Sustainability Fundamentals and Metrics Applications 09F Fundamentals and Applications for Waste Treatment and Valorization II 09G CO2 Industrial Engineering and R&D Approaches 09G Environmental Issues Involving Biochar 09G Sustainable Fuel from Renewable Resources 09H Design and Analysis of Carbon Capture and Negative Emissions Technologies – Experimental 09H Design and Analysis of Carbon Capture and Negative Emissions Technologies – Models 09H Design and Optimization of Integrated Energy Systems 09I Design and Analysis of Sustainable Carbon Capture and Emissions Control Technologies I 09I Design and Analysis of Sustainable Carbon Capture and Emissions Control Technologies II Environmental Division Leadership Meeting Environmental Division Programming Meeting	

Important 2023 Annual Meeting Deadlines:

- Friday, June 9, 2023 Draft Program Available for Review
- Monday, June 16, 2023 Draft Program Changes due back from Chairs
- Tuesday, June 30, 2023 All Invited Session Information Finalized and in Confex
- Monday, July, 31, 2023 Division/Forum Award Winner Information Due