



Environmental Division Executive Committee

2018 Annual Meeting
Sunday, February 25, 2018
9:00 a.m. - 12:00 p.m.
Hilton Minneapolis
Room Marquette 3

2017 Executive Committee

Chair	Robert Mongrain
Vice Chair	Barbara Nielsen
Secretary/Publications	William Lipps
Program Committee Chair	Leslie Watson
Program Planning Committee Chair	Brett Waterman
Past Chair	Patrick Gorman

Minutes

Robert Mongrain, Chair, presiding

1. Call to Order at 9:06 A.M
2. Executive Committee Roll Call –
 - Robert Mongrain
 - Leslie Watson
 - Barbara Nielsen
 - Brett Watterman
 - Patrick Gorman
3. Safety Share
 - Robert Mongrain shared to be careful coming into hotel lobbies. As people track in snow, it melts making the floors very slippery. Also, since humidity is low, be sure and keep hydrated.
4. Approval of Agenda
 - Motion to approve, seconded, and approved
5. Approval of Mid-Year Meeting Minutes
 - Motion to approve minutes once spelling of “Barbara Nielsen” is corrected. Seconded and approved. Jackie Dorr will make the correction.
6. Review of Annual Report
 - The annual report has already been approved.
 - The Environmental Division lunch cost is \$7,000 - \$8,000 and remainder of money will go into the scholarship fund.
 - Big donors Foth Infrastructure and Engineering and ARCADIS each have a table of 10 at the lunch.
7. ED Committee Reports
 - Existing nominations still stand. Between now and April 15 is time to consider who may be eligible or who you may want to nominate. Nominations are due in August. Please work to get deserving names into the “hopper”.

- There was nobody named for the benefactor award. This award is not mandatory, and should be reserved for someone who really helps out with the auction and/or fund raising.
- Brett Watterman suggested Patrick Gorman considering he donated \$1000 of his own money to the poster session.

- Awards

- Environmental Division Distinguished Service Award :
 - **Casey McKeon**
- SME/AIME Environmental Stewardship Distinguished Service Award:
 - **Ginger McLemore** (Ginger thanked executive committee for the award)
- Division Past Chair Award :
 - **Robert Mongrain**

- ED Membership Committee (Mongrain)

Membership is up by 83. A notice to those who have not renewed brought in some. The Environmental division should make a letter to those who did not renew a standard practice instead of relying on SME.

- ED Nominating and Planning Committee (Gorman)

Will meet Wednesday, Feb. 28, 3-5:00 pm, MCC Room 100D

People who are interested in the 2019 annual meeting should show up. Brett has a list of potential chairs and topics. Also, trying to get a list of people interested in participating in the Environmental Division committee to sign up. A few suggestions were made.

Leslie suggested making abstracts for the sessions so people know exactly what the session is about when they submit papers.

ADTI wants to do an analytical session

- ED Scholarship Committee (Greer)

Silent Auction Scholarship Fundraiser, Tuesday, Feb. 27, 11-4, Exhibit Floor.

Jackie Dorr has 4 boxes

Brianna and Anne have made significant contributions of items

Like 2017, the silent auction will be arranged in a U-Shape space.

Auction items include mineral specimens and old mining “stuff”

At the Environmental Division's 2018 Annual Luncheon, the following \$2,000 scholarships will be presented:

Environmental Division Scholarships:

Jiancong Chen	University of California, Berkley
Rahul Bhargava	South Dakota School of Mines & Technology
Mr Rushikesh Battulwar	University of Nevada, Reno
Branden Fraser	Montana Tech

Veolia Technologies Scholarship:

Adewale Adeniji	West Virginia University
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It is challenging to pick scholarships out of 65 names. SME wants feedback on screening for scholarships. Some people reported that it seems like a "letter of recommendation" is a conflict of interest.

Of note, Branden Fraser is an undergrad student.

- ED Representatives for SME Education Committees

Accreditation & Curricular Issues (Kliche/Tonander)

- No report

Research Council (McLemore/Moretz/Benson)

- Virginia McLemore is the new incoming vice – chair. There will be a session on Wednesday that Virginia is chairing. She will update the committee on what they are doing.

Student Member Affairs Committee (Smith/Castendyk)

- No report

- ED Representatives for SME Standing Committees

- Government and Public Affairs (Williamson/Nielsen)
Meeting this week

- Information Publishing Committee (Reisinger/McLemore)

- Going forward with putting out book. ADTI series is finally finished. All the ADTI books are in the bookstore. Always looking for new ideas.

- Mining Engineering Committee (Kaiser)

Published Articles

- Outstanding Presentations Recognized for the Environmental Program at 2017 SME
- Scholarships and Silent Auction
- BLM Course 3000-47 is on ADTI website.
- Acid Rock Drainage Prediction and Treatment
- Division Officer Nominations

- Professional Engineers Exam Committee (Dent)

No report

- Program Committee (Watson)

2018 Sessions:

1. International Environmental Regulations – Monday afternoon
2. The politics of mining: emphasis on government policy and the mining industry – Monday afternoon
3. Circular economy and mining – Tuesday morning
4. Geochemical modeling? What is working? – Tuesday morning
5. Sustainability, social license and related concepts, a panel discussion on what mining companies need to understand – Tuesday morning
6. Climate change and reclamation modeling – Tuesday afternoon
7. The benefits of stakeholder dialog; creating shared value in the mining sector – Tuesday afternoon
8. Effective wastewater management – Wednesday morning
9. Mother nature to the rescue: How natural methods can lead to an inherently stable site – Wednesday morning
10. Methods for community engagement
11. Emerging technologies in water treatment and passive approaches – Wednesday afternoon
12. Student posters
13. ?

There are 6 papers to read and judge for outstanding papers. These will not be ready to announce at the lunch. They will be announced in the April edition of Mining.

Luncheon

- Speaker is Jess Richards, Director of the Minnesota Department of Natural Resources, Land and Mineral Division

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Sponsors

ARCADIS – Title sponsor
 Foth Infrastructure and Engineering – Title Sponsor
 AECOM – supporting sponsor
 Civil and Engineering Consultants – supporting sponsor
 AECOM – supporting sponsor
 Stantec – supporting sponsor
 SVL Analytical – supporting sponsor

- Program Coordination Committee (Waterman)

2019 Sessions

Theme for 2019 = “Smart Mining; Resources for a Connected World”

Will try to have sessions follow that theme.

The acid drainage short course was cancelled for 2018 this year. Will try to have it in Denver 2019. Is it possible to announce short course a year in advance? Possibly make an abstract for the short course and publish it in Mining Engineering. It is important to make sure the short course is not available anywhere else. It is important to announce a short course early so people can put them in their budget. Another option is to send an e-mail blast. Virginia will bring up this “short course problem” to the Research Council.

There must be at least 20 attendees for a short course. It is possible to charge less if the teacher does not charge a fee, however, there must still be a charge. It may be possible for the committee to find sponsors for short courses.

Also discussed the needs for short courses. Perhaps a survey to new miners, environmental employees related to mining. On what difficulties they had coming out of school; what did school not teach you that you wish it had?

Virginia and Dr. Choudhury of Montana Tech will work together as an ad hoc to compile a list of questions for a survey on potential short courses. They will contact Jackie Dorr for SME assistance. Mongrain and Nielsen will help with industry input. One possibility is “presentation and writing skills”

- Sustainable Development Committee (Munroe)
Someone from this committee e-mailed Brett Watterman regarding a session for the 2019 annual meeting. This committee is under new “management” so should become more active.

- Strategic Committees (if populated with ED representative)
 - Audit Committee (none)
 - Education & Professional Development Strategic Committee – no report
 - Finance Strategic Committee no report
 - Nominating Strategic Committee (Reisinger)
- Gorman trying to get environmental division members onto the SME board
 - Outreach Strategic Committee no report
 - Products & Services Strategic Committee no report
 - Structure and Governance Strategic Committee no report

8. Student Poster Session During Luncheon (Nielsen)

- Eleven posters were submitted and nine accepted. There was a fairly good cross section of schools. One of those not accepted was good, but more geology. The other was submitted to the minerals division.
- Three judges have been selected. Posters are set up outside of the luncheon on Wednesday. Judges to show up after 10:00.

9. Monthly Conference Call Meetings – Host and Schedule

- Barbara intends to change the day to every second Friday at 10; 00 MST (Arizona time). Will try to do Webex.

10. Visit by SME Board

- SME membership is up
- There was a decrease in mining, coal, and mineral processing. There were increases in Environmental and Health and Safety.
- There is growth at the student level, of note from China, Pakistan, and Spain.
- A new challenge is to encourage students to continue in SME after they graduate.
- There will be an arrangement with SpringerLink to access 7000 libraries as a component of the society journal. You can publish now, for pay to print. After 2 years articles will go to one mine.
- SME has a full time staff member for local sections, and now there is an all time high for SME relationships with local sections. 25% of annual revenue comes from the local sections.
- Public perception of mining. Move Mining is getting better this year.
- SME is currently focusing on PhD and grant programs. In 2015 the strategic planning looked at a loss of professors over time. The plan intends to add more.
- 300 new members in Health and Safety that were not previously SME members. SME to offer Certified Mine Safety Professional Exams
- Innovation – at the midyear meeting each committee was asked to provide two names. The board has not yet decided what the “innovators” function will be. They will not form a new committee. On Tuesday, the board will begin this discussion.

11. Adjourn