



Annual Business Meeting – Notes

Date: February 8, 2019

Meeting Date: August 20, 2018; 6:00-7:00 pm EST

Meeting: Annual Business Meeting, AFS BioEngineering Section

Location: Room CC 419 or call (866) 583-7984 (login: 352-851-2295#)

Subject: Meeting Notes

Attendees

See sign-in sheet, attached.

1. Current BES Officers

- Mike Garelo – President
- Dana Postlewait – President Elect
- Laura Wildman – Past President
- Jon Black – Secretary/Treasurer

All officers were in attendance.

2. Introductions

- Phone attendees identified themselves:
 1. Randy Beckwith
 2. Austin Hall, DWR
 3. Steve Arnold
 4. Jessica Pica, USFWS
 5. Steve Thomas, NOAA Fisheries

3. Revisions to Agenda

No revisions.

American Fisheries Society BioEngineering Section	Laura Wildman – Past President Michael Garelo – President	Dana Postlewait – President Elect Jonathan Black – Secretary/Treasurer	Page 1 of 9
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4. Announcements

Jesse Trushenski, AFS new President, attended our meeting and gave a brief on the following items. Thank you Jesse for attending!

- Governing Board Report
- Steve 's Presidency
 1. Proud of Diversity and inclusion
 - why AFS does not yet reflect more diversity
 - how rectify, more welcoming and inclusive society
 - list of actions and time to act
 - Same committee, Society, and will continue this goal
 2. Revise AFS Strategic Plan
 - ongoing past year
 - ready for members, sections, chapters
 - Jesse will be distributing
- New Plan with Jesse
 1. continuing education
 - gaps with what have, what need
 - strong in science, weak in soft skills, i.e. public meeting, etc.
 - most universities don't teach: conflict resolution, meeting facilitation, etc.
- 2019 meeting in Reno, with National Wildlife Society
 1. largest meeting ever of fish/wildlife professionals
 2. workshops, common between groups
 3. interdisciplinary things:
 - Dana: how to work with engineers for biologists, and vice-versa
 - Steve, Incoming president of Cal Neva, Program Co-chair
 - working with Randy Beckwith, also a Co-chair
 - crossover between societies is a great opportunity
- Session Co-sponsored by Habitat and Bioengineering Sections at the AFS Annual Meeting
 1. "Challenges in Protecting Fish and Shellfish at Cooling Water Intakes: Case Studies and Experiences Complying with the 2014 Clean Water Act 316(b) Rule."
 - Organized by:
 - Dan Giza – ASA Analysis & Communication, Inc. (Co-Chair)
 - Jon Black – EPRI (Co-Chair)

- Ron Heun – Exelon Corp. (Co- Chair)
- Amy Hetherington – Exelon Corp.
- Brad Foss – Dairyland Power Coop.
- Jennifer Mathia – ECT
- Chris Gurshin – Normandeau Associates, Inc.
- When is the session scheduled? (Jon Black)
 - 2-day Session, Wed/Thurs (August 23 & 23, 2018)
 - Approximately 30 speakers
 - 2014 EPA intro rules, cooling water for thermal plants
 - Technologies, Resource economics, biology, diverse group
 - All BES members are encouraged to attend session

5. Treasurer's Report

- Annual use of BES Funds
 1. Income:
 - \$16,000 acct
 - \$2,000 Ned Taft
 - Income Sources:
 - AFS annual memberships dues
 - Fundraising
 - Section sponsored short courses at conferences (Laura W, Mike G, Dana P)
 - Donations
 - Open for other ideas
 2. Expenses:
 - Operating costs including meeting and travel expenses, call costs, webinars
 - Sponsorships for workshops, publications, awards and initiatives by others.
 - Example includes AFS-BES/ASCE-EWRI Joint Fish Passage Committee database and Annual Fish Passage Conference funds.
 - Certificates, awards, and plaques.
 - career achievement
 3. Ned Taft Student Travel Scholarship Award
 - This award provides for travel and lodging costs up to \$1,000. Travel costs approved.
 - Derrick Alcott past winner, he is here today
 - All members are requested to help advertise this opportunity.

- Send information and nomination form to professors and students.
 - See AFS BES website for additional information:
<http://bes.fisheries.org/awards/>
 - Need to recruit volunteers to help replenish the Ned Taft Award funds
- Officers Report
 1. Income: Membership dues, workshops, fundraising, and donations

6. Committee Updates

- Technology Committee (Chair – TBD)
 1. Mandate of Technology Committee.
 - “Provide strategic support and technical guidance for those who are pursuing either the development of new fish passage and intake protection technologies or the use of existing technologies in unusual conditions.”
 2. Objectives of Technology Committee
 - Assisting Innovators
 - Reviewing Concepts
 - Fostering Communication
 - Highlighting New Technologies
 - Assisting with the Development of New Standards and Procedures
 - AFS Subunit (Division, Chapter, Section, etc.) technical guidance
 - Encouraging Holistic Environmental Approach
 - Collaborating with Education Committee to identify and carry forth outreach, symposia, and workshops
 - Accomplishments:
 - Innovative Bioengineering Techniques symposia at AFS Cal-Neva Chapter Meeting, San Luis Obispo spring of 2018. Chaired by Randy Beckwith, CA-DWR and Co-Chaired by Mike Garello, President Bioengineering.
 - EPRI North Carolina, Duke Energy co sponsor /w BES. Was more focused on intakes to specific water body types. Powerplants and municipal waters different than estuaries than reservoirs
 - Randy Beckwith. Innovative. Chaired by Steven B. **(With what entity? Mike G update)**. Technologies used in CA, for fish passage, flood plain restoration, river restoration in general. Biologists and Engineers together, ideas on how to approach a river rest project.
 3. Committee will continue with ideas and action items for future meetings.

4. Volunteers needed for Technology Committee Chair
 - Randy Beckwith – Chair nomination: yes, put on agenda for next Excom meeting.
- Education Committee (Chair – TBD) Jon Black past help,
 1. Educate (rest of membership) on new techniques, technologies, or new rules/laws. WR management,
 2. Eg. Fish biology for engineers, hydraulics for biologists.
 3. Other classes have included upstream/downstream courses; dam removal; 316b rule application
 4. Jessica Mosely, the new continuing-ed person can be looped in to further increase participation.
 5. Course at National or at Section/Regional meetings. Past courses have been well attended and included:
 - Dam removal
 - Upstream passage
 - Downstream passage
 6. Can also combine with other conferences. Eg. Hydrovision, with AFS/ASCE-EWRI Joint Committee Fish Passage Conference, EWRI Congress
 7. Courses offer CE credits
 8. Volunteers needed for Education Committee Chair: Any volunteers?
 - Invite for volunteers:
- AFS-BES/ASCE-EWRI Joint Fish Passage Committee
 1. Purpose of the Joint Committee: Provide a nexus between American Society of Civil Engineers (emphasis on engineering) and American Fisheries Society (emphasis on science and biology). Joined through ASCE/EWRI and AFS Bioengineering Section.
 2. Laura notes: created to join ASCE w/ AFS
 3. Ongoing activities:
 - Fish Passage Reference Database – On-line at U of MA. AFS BES Section sponsorship of \$2,000 in 2017-2018 to help fund continuation of this initiative. Check it out at: https://scholarworks.umass.edu/fishpassage_database/
 - Webinar Series – Continuing to look for topics of interest and presenters.
 - Fish Passage Conference – December 10 to 14, 2018, Albury, New South Wales, Australia. More information available at: <https://fishpassage.umass.edu/>

- This is a continuing series, is not the 6th or 7th conference, and has been very successful
- Distinguished Project Award – Review of nominated projects in progress. Award will be announced at Fish Passage 2018.
- Career Achievement Award – Review of nominations in progress. Award will be announced at Fish Passage 2018.

7. BES Business

- Digital Media
 1. Web Page Update – big improvements over the last year. Migration to the AFS domain and server. Coordinating efforts with Joint Fish Passage Committee (AFS-BES/ASCE-EWRI).
 - see Student Section, Early Career subsection
 2. ListServ = Community
 - A new way to communicate with all members is on the way and will be located on our website. Will need to determine how content can be moderated.
 3. BES hosts a LinkedIn account. Not used to its full potential, and the new “Web Page” community is intended to take the majority of the load for this need. Next year’s initiatives will explore better use of social media like LinkedIn and Twitter. BES will be coordinating closely with AFS Information and Technology Section which specializes in packaging messages and getting the word out using social media and other communication tools (visit them at <https://units.fisheries.org/fits/>).
 - community page...
 - part of greater good, mentors, hoping to replace the old list-serve
 - Dana P and Rachael W will continue development.
- Next Annual Meeting
 1. Joint AFS-TWS meeting, September 29th to October 3rd 2019. Reno, NV.
 - Jon Mann has volunteered to lead putting together a fish passage symposium. Dana Postlewait and Mike Garello will support Jon, and others are welcome to assist. AFS will be combined with the Wildlife Society, should be a large conference.
 2. AFS Technology section : Twitter preference... Dana gave a quick update:
 - links to info, build excitement, enthusiasm
 - share information...
 - goal of their section is package science and distribute.

- learn how to be more relevant
- Opportunities for BES Membership Involvement
 1. Webmaster. BES would like a volunteer. Willing and enthusiastic to learn the new AFS Website platform and help with website content updates, meeting agendas, announcements, etc. Contact Dana P.
 - offer money
 - contact students
 - Dana to send out email
 2. Committee chairs: Technology and Education Committees. Contact Mike G.
 - education look for
 3. Resource Policy Liaison. Dana Postlewait is current representative. We are looking for a volunteer to take this over for the upcoming year. See Dana for more info.
 - Patrick volunteered, Dana to coordinate transfer to Drue Winters
 4. Joint Fish Passage Committee Webinars. Send ideas for new topics and recruit speakers.
 - quarterly webinars
 - speakers, ideas, Andy Peters Gave an update
 - Tobias Kock - 7 full sized FSC
 - Mike, need to eval successional process of watersheds when evaluating stream restoration processes
 5. Symposia, workshops, publications, and technologies...
- Updating our Bylaws
 1. Substantial progress has been made to update our bi-laws to current standards.
 2. Anticipated to be complete and approved within the next six months.
 3. ExCom to approve updates, then AFS Constitutional Consultant (John Boreman)
 4. Dana is coordinating with Mike and Laura to complete

8. Upcoming Conferences/Training Opportunities

- Annual AFS Meeting – Joint AFS-TWS meeting, September 29th to October 3rd 2019. Reno, NV.
- Fish Passage 2018 – December 10 to 14, Albury, Australia.
- EWRI - Currents Article submission – Fall article.
 1. Due date October 15.
- 2019 EWRI Congress
 1. Call for sessions is out – Pittsburgh, PA

2. Hydraulics and Waterways Track Chair Fabian Bombardelli (**check spelling?**)
 3. Fisheries Eng/Science session – BES will assist
 4. 4-5 presentations or lightening round talks (8)
- Others....

9. Transition of Bioengineering Executive Committee Officers

- Recognition of Excom Officer Service
 1. Mike Garelo - Presdient
 2. Jon Black – Secretary/Treasurer
 3. Laura Wildman – Past President
- Election results
 1. Dan Giza – President Elect
 2. Jessica Pica – Secretary/Treasurer
- Motion to approve results and transition officers to their new positions
 1. Secretary Treasurer – Approved for Jessica P.
 2. President-Elect – Approved for Dan G.

10. Adjourn

Action Item Summary

1. Solicit interest to propose symposium or short course at 2019 meeting in Reno, with National Wildlife Society
2. Ned Taft Award - Need to recruit volunteers to help replenish funds
3. Technical Committee – Nomination for Randy Beckwith as Chair. Put on agenda for next Excom meeting.
4. Education Committee
 - recruit volunteers for Chair
 - Loop in Jessica Mosely, the new continuing-ed person with AFS, to help get ideas to further increase participation.
5. Joint AFS-TWS meeting, September 29th to October 3rd 2019, Reno, NV. Coordinate with Jon Mann to help with symposia (Dana, Mike G.).
6. Web Committee: Dana to send out email looking for volunteers. Gordon Clark expressed interest, Dana to nominate at next ExCom meeting.
7. RPC Committee – Patrick O' Rourke to take over for Dana P.