



MINUTES

IUPAC Division VI Chemistry and the Environment (DCE) Division Conference Call

Wednesday, March 19th 2020, 13.00 – 15.00 GMT

Present:

Hemda Garelick - UK– Division President	(HG)
Roberto Terzano - Italy - Division Vice President	(RT)
Annemieke Farenhorst – Canada – Division Secretary	(AF) – prepared minutes
Doo Soo Chung – Korea – Titular Member	(DSC)
Nadia Kandile – Egypt – Associated Member	(NK)
Laura McConnell – USA	(LM)
Bulent Mertoglu – Turkey – National Representative	(BMer)
Bradley Miller – USA - Titular Member	(BMil)
Oluseun Popoola – Nigeria - National Representative	(OP)
Diane Purchase – UK - Titular Member	(DP)
Fani Sakellariadou – Greece - Titular Member	(FS)
Bipul Behari Saha – India – Associate Member	(BBS)
Tina Sikanen – Finland- National Representative	(TS)
Weiping Wu – UK	(WW)

Regrets: Vladimir Beskoski, Petr Fedotov, Rai Kookana, Irina Perminova, Yehuda Shevah, John B. Unsworth.

1. Welcome (especially to new members, Appendix A), apologies - HG and AF - 5 min

HG welcomed everyone on the call and highlighted each participant individually.

2. News from IUPAC – HG and RT - 5 min

Division VI has been very active and HG provided some examples including the IUPAC Global Women's Breakfast, in which a number of Division VI members participated, including as lead organizers at their location.

HG informed the Division VI members that there will be discussions within the broader organization of IUPAC about whether or not changes are needed to Divisions. IUPAC has established a committee to lead these discussions.

3. Division budget HG and RT - 5 min (Appendix B)

The budget allocation for Division VI in 2020-21 is \$36,099 for projects and \$2,000 for operations. The budget for projects is thus similar to last year, but the budget for operations is less. Consequently, it will not possible to organize a face-to-face meeting in 2020 using operational budget.*

**Note: later in the meeting, there was a general discussion that the current process of officially approving of the Agenda Minutes is through face-to-face meetings. If there are no face-to-face meetings, alternate ways of approving minutes need to be implemented.*

It was also indicated that there were no remaining funds from last year.

Actions:

- HG to make a plan of how Meeting Minutes might be approved when there are no face-to-face meetings for an extended period of time, possible at least a year.

4. Projects: HG and FS - 35 min

a. Status of current projects - FS - 5 min (Appendix C)

i. Publication opportunities including Chem. Int.

b. Projects under consideration/approvals etc. - FS - 5 min

c. New projects proposals and call for proposals – HG and RT - 10 min

d. Angkor Wat meeting- DSC, RT, BM, RK, DP, HG – 15 min

i. APCE & CECE 2020 Conference

ii. Division meeting and symposium

FS noted that the numbers of the projects need to be checked as in one case, a project was to have a number “2-600” but this should be “1-600”.

FS reported on the status of all current projects, with a summary provided through Excel spreadsheets.

Actions:

- HG to contact FS to provide information to a current project for which information is missing.
- LM to contact two PIs who need to provide information about their current projects, but who have not been able to respond to previous emails.

There are a number of new projects under discussion or in progress.

RT reported that the proposal for Financial Support for Conferences in Scientifically Emerging Regions (#2020-003-1) has been approved, and that this will help support the Angkor Wat Conference. There are two current projects that also can help support the Angkor Wat Conference.

DSC indicated that the preparation of the Angkor Wat Conference is temporarily on hold because of COVID-19. It is likely that the conference will be postponed. However, DSC also indicated that discussions about which topics are of interest have occurred and that a workshop or lecture on Arsenic is of high interest, for example led by HG.

There was some discussion whether the conference could be held but with people having an option to connect remotely. However, it was also indicated that such discussions would need to involve a number of other individuals, particularly local conference organizers.

Actions:

- HG and DSC to maintain an open communication line about the Angkor Wat Conference, including how a potential Arsenic workshop can be linked to the Conference (e.g., one day before or after the conference).

Subsequently, the proposals for symposiums at the 2021 IUPAC World Chemistry Congress in Montreal, Canada were discussed. One proposal is led by RT and FS and is entitled: The environmental impact of fires. A second proposal is led by AF and DP and is entitled: Agricultural applications of biobeds, biochars, and biofilters for the prevention of contamination or the augmentation of contaminant clean up. A third proposal is led by WW and will focus on Sustainable Polymeric Materials including microplastics and biomaterials.

A general discussion followed including that WW and RT expressed an interest to be part of the proposal on biobeds, biochars, and biofilters (BBB). It was felt that Rai Kookana might be interested as well. LM indicated that perhaps there should be a symposium that more broadly captures sustainable management practices that help protect soil and water, not just biobeds. OP commented that the environmental fate of antimicrobials should not be overlooked either. LM further indicated that such broader symposium could be a “teaser”

NK and BMer agreed to co-chair the symposium on Sustainable Polymeric Materials with WW. AF indicated that she would not want to co-chair but has an interest in presenting on microplastics.

HG, NK and BS expressed interest to be involved in the organization of the symposium on The Environmental Impact of Fires.

In addition, RT indicated that it would be best if the Division VI could submit the three proposals as a “package” to the conference organizers and that this is best done by HG. AF agreed with RT. Other members on the call appeared to agree with this approach.

Actions:

- LM to edit the proposal prepared by AF and DP with the intention to still have a component of biobed but also include options for presenters from across the worlds to also present on other sustainable management practices, e.g., constructed wetlands, vegetation zones.
- RT and FS to finalize proposal #1 and submit to HG.
- AF, DP and LM to finalize proposal #2 and submit to HG.
- WW, NK and BMer to finalize proposal #3 and submit to HG.
- HG to contact Kevin Wilkinson and his colleagues about the joint sub-theme proposal
- HG to submit all three proposals by March 31, 2020.

In addition, there was a discussion on the e-waste conference to be held in Lagos, Nigeria on May 2021. The Division has offered its support and OP is the appointed person for this under Division VI and could collaborate with CHEMRAWN and other IUPAC members on this.

5. Short sub-committees reports – 10 min

a. Subcommittee on Crop Protection Chemistry: RK and JU - 5 min (*Appendix D*)

b. Subcommittee on Chemical and Biophysical Processes in the Environment: BX, DP and BM - 5 min (*Appendix E*)

LM reported that the Subcommittee on Crop Protection Chemistry held a conference call in January and has scheduled three more conference calls to be held in the near future. Members are asked to provide for short presentations about their work in a spirit of fostering collaboration and familiarity among members. Some webinars might be in the planning as well.

BMil reported on a recent conference call held by the Subcommittee on Chemical and Biophysical Processes in the Environment, including making minutes available for review by Division VI. BMil reminded members that judges are needed for the poster competition that will be part of the 2021 IUPAC World Chemistry Congress in Montreal.

Actions:

- AF to check with RK and LM whether in the Divisions Operating Procedures the reference to the Subcommittee on Crop Protection Chemistry should be modified to the Advisory Committee on Crop Protection Chemistry.

6. New Division VI representatives on Standing Committees and other Divisions for 2020-2021 - HG and RT - 5 min.

HG acknowledges a long list of standing committees that Division VI members are involved in. In some cases, people were not sure – For example, Dr. Petr Fedotov was mentioned for the ICTNS, but he had sent his regrets so could not provide feedback. Consequently, it was agreed on that HG will provide list of the names of the standing committees that Division VI is involved in, along with names associated with those committees. That will help identifying missing representatives for standing committees, and perhaps also broadening the scope of the standing committees that Division VI members support.

Actions:

- HG to prepare list of the names of the standing committees that Division VI is involved in, along with names associated with those committees.
- HG to decide on a mechanism to discuss the list with the Division VI. For example, in an email in the near future, and/or as an agenda item in the next conference call.

7. IUPAC 2021 GA and WCC (Canada): News and actions - AF, DP, HG, RT - 15 min

8. Conferences, collaborations and outreach plans – HG and RT - 10 min

a. Update on Clear 2020 Conference - DP - 5 min

b. Any other ideas – All – 5 min

9. Division VI web pages and social media communication - RT and BM - 5 min

Note: The minutes for agenda items 7, 8 and 9 are combined, because each item had overlapping discussions and points during the conference call.

Division VI members were again reminded that judges are needed for the poster competition that will be part of the 2021 IUPAC World Chemistry Congress in Montreal. This would be an important contribution and is fun to do as well.

BMil invites Division VI members to email him information about the projects they are involved in or the events they organize or attend. BMil will use link this information to LinkedIn to get some traction and recognition for all of the things that Division VI members participate in.

We thank RT for his time and efforts to renew our Division VI website, including the photos and detailed list and links to members. It was agreed that we should remind people to make their profile page visible to the public – some have yet to do so and hence there is little information about their contact address and areas of expertise.

HG mentioned that she is finalizing a President report to Bureau that requires information about some of the publications published by Division VI members.

Actions:

- HG to send an email to Division VI members to remind them that judges are needed for the poster competition that will be part of the 2021 IUPAC World Chemistry Congress in Montreal – and to please sign up [not sure how – is there a link?]
- HG to remind members that she wants to receive information about any of their publications that are related to the topics of the IUPAC projects they might be involved in.
- BMil to send an email to Division VI members to communicate with them on LinkedIn and opportunities.
- RT to send an email to Division VI members to remind them that to make their profile page visible to the public.

10) AOB - 5 min

LM highlighted that the IUPAC Global Women's Breakfast was again a great success. About 240 groups around the world participated, involving 5,000 to 10,000 people. IUPAC has approved to continue this initiative for at least three more years with the next date planned for February 10, 2021.

During the meeting, there was a general discussion that the current process of officially approving of the Meeting Minutes is through face-to-face meetings. If there are no face-to-face meetings, alternate ways of approving minutes need to be implemented.

END OF MEETING