

**Division VI - Chemistry and the Environment (DCE)
Conference Call Meeting – Thursday 14th March 2019
Minutes**

1. Welcome, apologies

a. Members participating

Rai Kookana - Australia - Division President	(RK)
Hemda Garelick - UK - Division Vice President	(HG)
Roberto Terzano - Italy - Division Secretary	(RT)
Nadia Kandile - Egypt - TM	(NK)
Doo Soo Chung - Korea - TM	(DSC)
Fani Sakellariadou - GR - TM	(FS)
Annemieke Farenhorst - Canada - TM	(AF)
Laura McConnell – US – TM	(LM)
Diane Purchase - UK - AM	(DP)
John Unsworth - UK - AM	(JU)
Cristina Delerue-Matos - Portugal - NR	(CDM)
Bipulbehari Saha - India - NR	(BS)
Bulent Mertoglu – Turkey – NR	(BM)

b. Apologies

Baoshan Xing - US - AM	(BX)
Ester Heath - Slovenia - NR	(EH)
Irina Perminova – Russia – TM	(IP)
Petr Fedotov – Russia -TM	(PF)

2. IUPAC updates

RK welcomed all the participants and started to introduce the main event for the Division in July, which will be the IUPAC General Assembly and Congress connected with the IUPAC 100 celebrations. All details about these events are available on the IUPAC website. RK informed the Members that IUPAC activities will start on the 5th of July and the Division VI Meeting is planned for the 6-7 July 2019. The Congress will start on the 7th evening. Special Symposia organized by the Division are scheduled for the 10-11 July. IUPAC and Division VI will provide support to TM and Symposia Organizers to facilitate the participation of as many Members as possible. RK suggested that organizing Project workshops during the General Assembly could facilitate those who cannot be supported by IUPAC to attend the Division Meeting. HG suggested organizing also a Division dinner on Saturday 6th July. RT and HG will take care of organizing the Division dinner.

Actions:

RT and HG – to organize the Division dinner in Paris on the 6th July 2019.

All – to think about organizing Project workshops during the IUPAC Congress

3. New Division Rules: final version

RK reported that IUPAC Council asked the Division to prepare and provide written divisional rules. A draft has been prepared by RK and HG and distributed to all Division Members. HG explained how the rules were prepared and what the contents are. Comments from all Division Members were sought and considered. Issues about the two active Subcommittees are also included in the rules. Subcommittee Chairs contributed to the preparation of the parts devoted to this topic. HG reported that the Project review procedures were not embedded in the text since the new evaluation procedure was not yet tested and probably will need some implementation. This part has been presented as an appendix. HG added that the procedure for the selection of Division Honorary Members has been removed from the rules since there is already a specific point dedicated to this issue in the IUPAC general rules. The last version of the Division Rules (Appendix 1) will be forwarded by RK to the IUPAC Secretary General.

Actions:

HG – to finalize the draft of the Division rules

RK – to pass the final version (Appendix 1) of the Division rules to IUPAC Secretary General

4. Division budget

RK reminded that all the files about the Division budget as received from IUPAC are available in the shared Division Google drive. RK reported that about 51% of the Project budget is still available to be used in 2019, accounting to about 20,000\$. However, some of this budget has been already allocated for recently approved projects like DP's project for the organization of Special Symposia at the IUPAC Paris Meeting. The Division Operational budget is very limited, about 1,800\$ until the end of the year. Most of this budget was used to support participation to the last Division Meeting in Rome. Very limited budget will be available to support participation to the Division Meeting in Paris. HG suggested those who have IUPAC projects ongoing to arrange Project meetings in Paris to support also their participation to the Division Meeting. If projects have expired or are going to expire soon, deadline extension can be asked to IUPAC to use the remaining funding for this purpose. RK remarked that anyway the Division will try to do its best to maximize the participation to the meeting even if the Division budget is very limited. HG reminded that the participation of Titular Members (TM) to General Assembly is directly supported by IUPAC and not by the Division.

Actions:

RK and RT – to seek who is willing to participate to the Paris meeting and explore possibility of support.

5. IUPAC Elections: update

RK informed the Division Members that PF, the Nominating Committee Chair, was not able to attend the Conference call and therefore he reported about this point. RK reported about the election procedures and deadlines for nominations. Two positions have been already voted: RT has been elected Division Vice President for the period 2020-2021 and AF Secretary for the same period. Six TM positions are available for the period 2020-2021 and 11 Division Members are eligible for those positions. RK reminded that all the nomination process is online. After nomination, the ballot is managed by IUPAC central organization.

6. Projects

a. Status of current projects

AF reported about the status of current projects (Appendix X). She has sent e-mails to Project leaders asking them to update projects' information on the website. Most of the Project leaders replied to her e-mail and updated information. RK noticed that some old project needs to be updated and/or concluded. In particular, project 2011-023-2-600 by Harris. AF already contacted him and will send a reminder. Another project needing action is project 2012-019-1-600 by Unsworth. JU informed that project is almost completed and will send relevant information to AF. Project 2013-029-2-600 by Kleter also needs action. LM reported that Molineux Project 2013-024-2-600 is almost completed but the Technical Report submitted to Pure & Applied Chemistry has gone through a long and extensive revision process. Another project deserving attention is project 2014-026-3-600 by Obare. LM informed that Sherine Obare has changed University and probably also e-mail address. RK asked AF to continue following the projects which are over the planned end date. Soon after the Conference call, RK reminded a previous commitment by the Division for the Project 2017-035-2-600 was approved with a commitment of \$4000 by Division VI but, because of budget restrictions at the time of approval, only \$1000 was allocated to the project. RK asked to allocate the remaining \$3000 from Division VI. Division Executive Committee approved this request and Fabienne Meyers confirmed the feasibility of the request based on the approval letter of December 19th, 2017.

Actions:

All projects task managers – to update information about their ongoing projects online on IUPAC website.

AF – to send a reminder to Harris for project 2011-023-2-600

JU – to complete project 2012-019-1-600 and inform AF.

AF – to inquire about project 2013-029-2-600 by Kleter.

AF – to inquire about project 2014-026-3-600 by Obare.

b. Projects under consideration/approvals etc.

RT reported that the project 2018-039-1 submitted by FS was evaluated by using for the first time the new evaluation procedure. After the whole revision process, FS submitted a revised version of the project that was voted electronically by Division Members. Of the 10 received votes, 8 fully supported the approval of the project, 1 was supportive but after a budget reduction and another one was contrary. Therefore, project 2018-039-1 was approved by the Division for a budget of 5000 \$.

c. New projects in preparation

RK invited all members to propose new projects. LM informed that she has worked with EH to organize a satellite event on glyphosate during the next ICCE Conference in Thessaloniki (Greece, June 2019) but they did not find the time to prepare a specific project for that. LM described the organization of the satellite event and listed the names of invited speakers. RK asked LM to try to prepare a proposal in order to support this important initiative also through IUPAC Division VI. HG reminded that the remaining budget for projects has to be committed before the end of 2019 otherwise it will be lost. LM suggested that the Subcommittee on Crop Protection Chemistry could develop a project idea during the Subcommittee Meeting at the IUPAC International Congress of Crop Protection Chemistry in Ghent (May 2019). AF expressed her interest in proposing a project on glyphosate. RK reported that some additional ideas came from the Subcommittee on Crop Protection Chemistry and that should be developed during the Ghent meeting in May.

Actions:

LM and EH – to prepare a project proposal for the satellite event on glyphosate at ICCE Conference.

All – to propose new projects

Subcommittee on Crop Protection Chemistry – to develop a new project during the meeting in Ghent (May 2019)

d. New evaluation process: any learnings

RT reported about his experience with the new project evaluation procedure and said that in general it worked, except for few details that need to be fixed. In particular, he commented that the role of the reviewers is fundamental and that if deadlines are respected then the process can progress fluently. All the Division Members are requested to participate in the revision process and meet the deadlines responsibly. HG requested some clarifications on the evaluation procedures that were discussed by RT and RK. RK asked RT to make the suggested amendments to the Project evaluation procedure (Appendix 2). FS remarked the importance of respecting the revision deadlines for the revision procedure to work properly. RT reminded that, according to Division rules, at least TM have the duty to review the projects submitted to the Division. This will ensure that a minimum number of revisions is always guaranteed.

Actions:

RT – to modify the project revision procedures according to the suggested amendments (Appendix 2)

7. Short sub-committees reports

a. Subcommittee on Crop Protection Chemistry

JU reported about the recent activities of the Subcommittee on Crop Protection Chemistry. JU commented that the Subcommittee has become rather large including 27 people and he will try to contact all the members to see who is still interested in participating to the activities of the Subcommittee. JU informed the Division Members that the possibility of an ERA (Ecological Risk Assessment) Workshop in India linked to the 4th International Conference on Agrochemicals Protecting Crops, Health and Natural Environment is under review. Another possible venue for an ERA Workshop is Uganda, this is under consideration with Dr. G.N. Kasozi of Makerere University. LM and JU suggested that the next Chair of the Subcommittee should be defined during the next Subcommittee meeting in Ghent.

b. Subcommittee on Chemical and Biophysical Processes in the Environment

DP reported that the Subcommittee is updating the Members directory. DP reported about the idea of a Subcommittee newsletter to be issued once or twice a year. This initiative could be useful to keep all members updated with Subcommittee activities and improve communication among Members. BM offered to take over this initiative if accepted. DP informed that the list of Subcommittee members has been updated on the IUPAC Subcommittee website. DP reported that the deadline for some projects developed within the Subcommittee is going to be extended. About possible new projects, DP informed about the possibility to contribute to the organization of the International Conference on Contaminated Land, Ecological Assessment and Remediation which next year will be organized for the first time in Europe.

Actions:

JU – to contact the members of the Subcommittee on Crop Protection Chemistry to see if they are still interested in participating to the Subcommittee

JU and LM – to put the definition of a new Chair of the Subcommittee on Crop Protection Chemistry in the Agenda of the next Subcommittee meeting in Ghent.

DP and BM – to explore about the possibility to produce a newsletter of the Subcommittee on Chemical and Biophysical Processes in the Environment

8. IUPAC Centenary Paris Meeting

a. General information and updates

LM showed the website dedicated to the IUPAC Centenary and reported about the Global Women's Breakfast which took place on the 12nd of February 2019, that was a huge success. There were more than 200 "breakfasts" around the world involving more than 5000 participants. FS and HG organized "breakfasts" in Greece and in UK, respectively. Videos and pictures of the events are available on the dedicate website. The other main event which is going on is the Periodic Table of Younger Chemists. LM described this initiative. Another successful initiative is the Periodic Table Challenge, which LM briefly illustrated. Associated with this there is the Nobelium contest, which LM presented. Another initiative is the IUPAC stories, which informs about IUPAC activities. BS informed the Division Members that many activities related to IUPAC Centenary and Periodic Table have been organized in India. LM thanked BS for having promoted many initiatives in India about these issues. AF added that a Global Women's Breakfast was held in Canada at the University of Manitoba too. LM remarked that Canada organized many events to celebrate IUPAC and periodic table.

b. Division Meeting organization

RK reported that the Division Meeting is scheduled for the 6th and 7th July 2019 (from 9:00 to 17:30 on Saturday and from 8:00 to 16:30 on Sunday). RT informed that the venue of the Meeting will be the Palais des Congres in Paris but the room was not yet defined. RT suggested to ask for a second room for the two Subcommittee meetings. HG suggested to ask for a second room for the 7th July from 10:30 to 12:30. Before that time, two Interdivisional Meetings are planned on the 7th of July: one from 8:00 to 9:00 with Division VII and one from 9:15 to 10:15 with Division V. RT reminded Division Members that if they need an invitation letter to attend the Meeting they can ask RT or directly the Congress Organizers by sending an e-mail to contact@iupac2019.org. LM suggested that, since Interdivisional Meetings are very short, preliminary communication with other Division Presidents would be useful in preparation of the Meeting. LM reminded that BM is in contact with Division VII and therefore his contribution could be useful. RK remarked that, for attending the Meeting, all TM will be supported directly by IUPAC and additional funding through project activities will support the participation of other Division Members. DP informed that some members can be supported through her project on e-wastes that has been recently extended. RK and RT suggested to invite some specific participants other than Division Members and National Representatives to develop new ideas and collaborations as was done in previous meetings. Possible observers could be invited speakers to symposia and colleagues participating to Project meetings since they are all already economically supported. The only problem could rise from the fact that the Special Symposium organized by the Division is scheduled some days after the meeting. HG suggested inviting new elected members for the biennium 2020-2021. BS asked to give a short presentation during the meeting of the activities done in India for the celebration of IUPAC Centenary and 150 years of periodic table. RK offered to give a space of 5-10 minutes to BS depending on the other agenda items that will be defined in the coming months.

Actions:

RT – to ask the General Assembly Organizers a second room on the 7th of July from 10:30 to 12:30 a.m. for separate Subcommittee Meetings.

All – to contact RT or contact@iupac2019.org for invitation letters and VISA requirements to attend the Meeting and the Conference in Paris.

RK – to contact Division V and VII Presidents to organize the Interdivisional Meetings.

RK and RT – to define a list and invite external observers to the Division Meeting.

RT – to consider 5-10 minutes in the meeting agenda for a presentation by BS.

c. *Division VI special symposia*

DP reported about the funding received by IUPAC and Syngenta to support the organization of the event. DP informed Division Members that the Symposium was receiving high interest from potential participants to the Congress. It was one of the most voted in a preliminary survey made by the Organizers. A prize entitled to the Division will be also awarded to the best poster presentations. BM is taking care of the organization of the award, which will be also sponsored by Syngenta.

9. **Collaborations and outreach plans**

a. *Pesticide World Congress 2019*

LM and JU reported about the organization of the 14th International IUPAC Congress on Crop Protection that will take place in Ghent from 19 to 24 of May, 2019. A meeting of the Subcommittee on Crop Protection Chemistry is planned during the Congress. LM informed that a special Session will be organized during the Congress dedicated to the activities of Division VI to attract new members and new projects. RK will co-chair the Session with LM. JU and BS informed that most probably the next Congress of the series in 2023 will take place in India.

b. *Collaborations with OPCW*

RK reported that HG attended on behalf of the Division OPCW Conference in The Hague in November 2018. HG informed Division Members that in that occasion she presented the Division activities. She also attended the presentation of different OPCW projects and tried to establish a contact with the other participants. HG described some of the ongoing projects in OPCW. RK suggested continuing trying to collaborate with OPCW and develop joint projects. LM informed that OPCW and IUPAC are developing scientific workshops together and she was involved in one of them in the past. LM suggested that participation these workshops could be useful to be involved in OPCW activities. LM and HG concluded that they should try to see if the Division could be involved in one of the next workshops.

Actions:

LM and HG – to seek information about next OPCW workshops

c. *Collaborations with ICCE*

The organization of a satellite event on glyphosate during the next ICCE Conference in Thessaloniki (Greece, June 2019) has been already discussed in point 6c of the minutes.

d. *Any other ideas*

No other ideas to discuss.

10. **Division website and newsletter, Publicity - Chem International articles**

RT remarked the importance to update the Division website for a better visibility of the Division activities. RT invited all Division Members and especially Subcommittee Chairs to send him material (publications from projects, pictures from IUPAC events, etc.) to publish on the website. DP suggested having a newsletter from the Subcommittee on Chemical and Biophysical Processes in the Environment and that all the Subcommittee members should contribute to it. BM would be the Editor of the newsletter. LM suggested setting up a Division VI Tweeter account to reach a larger audience. RK asked if LM or BM could take care of setting up and managing the Division VI Tweeter account. RK reminded Division Members to update the publications list for the report to Bureau. Such a publication list can be then used to update the website.

Actions

All – to send RT material to publish on Division website

Subcommittee Chairs – to provide RT with material to update their dedicated webpages

LM and BM – to set up and manage the Division VI Tweeter account

RT – to update the website with the new publications listed in the last Report to Bureau

11. AOB

HG and RK asked the Division Members to start thinking about the venue of the next Division Meeting in 2020. Since the last three meetings were in Europe, RK suggested having the next meeting in Asia (e.g. India, Korea). The location will be defined during the Paris meeting in July.

Actions

All – to propose and define the venue of the next Division Meeting during the Paris meeting in July

12. Next meeting in Paris: practical aspects, invitation letters

Part of this point was already covered and discussed in previous points. DSC asked for an invitation letter. DP will ask details on how to register for the Conference and Meeting and make this information available.

Actions

RT- to prepare invitation letters to the Paris Meeting.

DP – to ask information about registration procedures.

RT – to inform all Division Members about registration procedures for the Meeting and Conference