



**IUPAC Division VI  
Chemistry and the Environment (DCE)  
Division Virtual Conference Call  
November 30, 2021, 12:00 noon – 2:00 pm GMT**

**MINUTES**

**IUPAC Division VI Chemistry and the Environment Virtual Conference Call  
Tuesday, November 30, 2021, 12:00 noon – 2:00 pm GMT**

**Present (35 in total)**

Note: Division affiliations are according to the new Biennium except when the affiliation is followed by the word *outgoing*. For members whose affiliation is *outgoing*, that specific Division VI appointment ends on December 31, 2021 GMT midnight.

1. Hemda Garelick - UK– Division President
2. Roberto Terzano - Italy - Division Vice President
3. Annemieke Farenhorst – Canada – Division Secretary
4. Fani Sakellariadou – Greece - Titular Member and Division Project Coordinator
5. Rai Kookana – Australia – Division Past President
6. Laura McConnell – USA - Emeritus Member
7. Wenlin Chen – USA - Titular Member
8. Petr Fedotov - Russia - Titular Member (outgoing)
9. Irena Perminova – Russia - Titular Member
10. Diane Purchase – UK - Titular Member
11. Cristina Delerue-Matos – Portugal - Associate Member
12. Matteo Guidotti – Italy - Associate Member
13. Bipul Behari Saha – India – Associate Member
14. Walter Waldman – Brazil - Associate Member
15. Weiping Wu – China - Associate Member
16. Vladimir Beskoski (Владимир Бродский) – Serbia - National Representative
17. Doo Soo Chung – Korea - National Representative
18. Tamura Hiroto – Japan- National Representative
19. Joon Ching Juan – Malesia – National Representative (outgoing)
20. Roland Kallenborn – Norway - National Representative
21. Yehuda Shevah - Israel - National Representative (outgoing)
22. Tiina Sikanen – Finland - National Representative (outgoing)
23. Montip Sriratana – Thailand - National Representative (outgoing)
24. Susanne Laura Waaijers – Netherlands - National Representative
25. Cora Young – Canada - National Representative
26. Ram Adhikari – Nepal - Observer
27. Michelle Bailey – USA - Observer
28. Mukhambetkali Burkitbayev (Буркитбаев Мухамбеткали) – Kazakhstan - Observer
29. Silvina Di Pietro – USA – Observer
30. Jyoti Giri – Nepal - Observer
31. Yelena Yarovaya – Observer
32. Jyoti Giri – Nepal - Observer
33. Gijs Kleter – Netherlands – Observer
34. Akiko Nakamura – USA -Observer
35. Nicola Sangiorgi - Italy – Observer

### 36. Yehuda Shevah – Israel – Observer

**In Lieu of Regrets:** Bradley Miller (Titular Member), Bipul Saha (Associate Member) Weiping Wu (Associate Member), Baoshan Xing (Associate Member), Nadia Kandile (National Representative), Oluseun Popoola (National Representative), Diana Rabadjeva (National Representative), Jerome Francois (National Representative), Melanie Kah (National Representative)

## MINUTES OF THE MEETING AGENDA

### 1. Welcome and Introductions

Hemda Garelick welcomed Division members and guests on the call. Participants on the call introduced themselves.

### 2. Approval of the Minutes of Division VI meetings of July 27 2021 and August 11, 2021, respectively

The minutes pertaining the virtual Division VI Meeting in July 2021 were approved with the recommendation that the following will be added: *There was also a recommendation and approval at the meeting for two Emeritus Fellows: Dr. Yehuda Shevah and Dr. John Unsworth.*

The minutes pertaining the virtual Division VI Meeting in August 2021 were approved as is.

There was some further discussion about action items as it applied to the action items related to the July 2021 meeting.

### 3. 2022-2023 IUPAC Division (VI) Chemistry and the Environment Membership

Hemda Garelick showed the 2022-2023 Division VI membership list on a slide

### 4. Update on the Division Budget

Hemda Garelick informed the participants on the call that there is \$26,000 left in our budget for projects and that this would need to carry us until the end of 2022.

Laura McConnell indicated that there is always a possibility to apply for project committee funds if there are collaborations with other divisions so this could be helpful when needed.

Roberto Terzano mentioned that we have about \$20,000 in potential new projects lined up so our budget for additional projects would only be \$6,000. Thus, we need to be rather careful in accepting additional projects beyond the new projects that we have already lined up. However, we can still develop new projects for approval at a later time when funds are available. Proposals always take time to develop.

### 5. Division Projects

#### 5.1. Current Projects

Fani Sakellariadou informed participants on the call that there are 16 current projects. Some project leads have asked for an extension. Fani Sakellariadou proposed a six-month extension for a range of projects, and 12 months for two specific proposals. The Division members approved the following extensions:

<b>Project Number</b>	<b>End date</b>
2015-056-3-600 Kalderis	30/06/2022
2014-026-3-600 Obare	31/12/2022
2018-013-2-600 Shevah	31/12/2022
2014-031-3-600 Purchase	30/06/2022
2016-047-1-600/2018-035-1-600 Xing	30/06/2022
2017-013-1-600 Racke	30/06/2022
2018-014-1-600 Gubala	30/06/2022
2014-032-1-600 Karpouzas	30/06/2022
2017-035-2-600 Kookana	30/6/2022
2016-016-2-600/2019-010-1-600 Kookana	30/6/2022
2018-039-3-600 Sakellariadou	30/6/2022
2013-029-2-600 Kleter	30/9/2022
2021-008-1-600 Purchase	31/3/2022
2019-026-2-600 Wu	31/12/2022
2019-029-1-600 Miller	31/12/2022
2020-020-2-600 Guidotti	31/12/2023

### **5.2. Assessment/Approval of Submitted Project Proposals**

Fani Sakellariadou informs participants on the call of the titles of the new proposals received. These are:

1. Project “The global scenario and challenges of radioactive waste in the marine environment” submitted by Joon Ching Juan and Silvina A. Di Pietro.
2. Project “Conceptualization of definition and classification for humic substances” submitted by Irina Perminova.
3. Project “The role of mega ports in climate change” submitted by Fani Sakellariadou.
4. Project “Minimising Environmental Impacts of Tyre and Road Wear Particles” submitted by Divina Navarro.

Rai Kookana provided further information about the importance of the proposed project on tyre and road wear particles.

A range of other participants on the call provided updates on ongoing projects.

Project task group leaders are encouraged to circulate new proposals with the aim to move finalized proposals for a vote.

### **5.3. Call for (more) Proposals**

Laura McConnel mentioned that it would be good to highlight is proposals of how projects contribute to the UN Sustainable Development Goals.

There was a discussion about potential future projects one of which were discussed at the 2021 August Division meeting and is focused on carbon sequestration. Roberto Terzano encouraged the project on carbon sequestration to be developed because such topic is always of interest to IUPAC. Roberto Terzano also mentioned that there is a project on mass spectrometry in the works through another Division and will provide some information around this to Division members.

## 6. **Advisory Committee, Subcommittee, and Interdivisional Committee Activities**

### 6.1. **Committee Updates**

In the interest of time, no committee updates were provided.

### 6.2. **Committee Representatives: Confirmation for the Next Biennium**

For the next biennium, it was agreed that Wenlin Chen will represent the Division on COCI. The representative for CCE in the next biennium will be Doo Soo Chung. The representative for ICTNS in the next biennium will be Irina Perminova.

Hemda Garelick indicated that we are still seeking a Division representative for CHEMWRAN and Division members interested in this should contact Hemda Garelick.

## 7. **Reflections about the Virtual General Assembly and Congress, including Symposia**

Symposia organizers provided for a deliberation of their Congress Symposia, in the following order:

1. The Environmental Impact of Fires. Organizers: Fani Sakellariadou, Roberto Terzano
2. Emerging Technologies and Conservation Practices for Sustainable Agriculture and Public Health. Organizers: Annemieke Farenhorst, Laura McConnell, Diane Purchase
3. A Healthy Intake: Environmental Pollutants in Air, Water, Food and their Removal. Organizers: Hind Al-Abadleh, Patrick Hayes, Bradley Miller, Kevin Wilkinson
4. Sustainable Polymers Organizers: Nadia G Kandile, Christine Luscombe, Bulent Mertoglu, Wu Weiping

Subsequently, Hemda Garelick announced the winners of the poster competition. The winners were capture with a screenshot as follows:

## Winners!

1. 1<sup>st</sup> Place \$300 Award to Nansi Fakhri *et al.* "PM2.5 sources in the Eastern Mediterranean capital Beirut: chemical characterization and contribution to ambient concentrations"
2. 2<sup>nd</sup> Place \$200 Award to Mahshid Keramatnejad *et al.* "The Impact of Air Pollutants on the Biophysical Properties of A Model of Tear Film Lipid Layer".
1. 3<sup>rd</sup> Place \$100 Award to Andrés Villamil Hernández *et al.* "AN EXPERIENCE FOR SOIL RECOVERY AND FORTIFICATION FROM VERMICOMPOST".

**8. Call of any Other Items or New Business**

Doo Soo Chung updated that the Angkor Wat meeting has been scheduled for November 6-10, 2022 but it is still not clear whether the conference will proceed. A decision is to be made February 2022. The critical issue is the situation with COVID and whether the Government of Columbia would allow visitors from abroad.

It was agreed that we need to think about Plan B. Hemda Garelick indicated that anyone with ideas for Plan B should forward their ideas to Hemda Garelick, Roberto Terzano, Annemieke Farenhorst and Fani Sakellariadou. Participants on the call mentioned that some options could be for example having a Division meeting Korea or Thailand.

Hemda Garelick provided an update surrounding discussions that the bureau is having around the IUPAC governance and division structure

**9. Hand over to the New President**

Roberto Terzano thanked Hemda Garelick for all her hard work in the past two years.

Roberto Terzano highlighted what he is looking forward to as a President of Division VI which included a greater engagement of Young Observers in the Division.

Roberto Terzano mentioned that we are updating the website on an ongoing basis and invited everyone to complete their biosketch via the Survey Monkey link, if not done so already.

**10. Adjournment**

Hemda Garelick adjourned the meeting.