

**AGENDA FOR THE 2<sup>ND</sup> MEETING OF THE  
ICID YOUNG PROFESSIONAL'S e-FORUM (IYPeF)**

11 October 2017, 09.00-10.30 hours (Session I)

11 October 2017, 11.00-12.30 hours (Session II)

Mexico City, Mexico

**Year of Establishment: 2015**

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**Mandate:**(a) Encourage and promote a high standard of professional development amongst the young professionals in the field of irrigation, drainage, and flood management; (b) Provide an international platform for young irrigation and drainage professionals; (c) Expose young professional to ICID's purpose, objectives, role and activities; (d) Facilitate the wider dissemination of knowledge and information amongst the young professionals; and (e) Maintain and enhance links with national and international youth having interests in water related subjects or the activities, relevant to ICID objectives.

**LinkedIn Group:** <https://www.linkedin.com/groups/6990321>

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**IYPeF Agenda Item 1: Action taken report by Coordinator**

1. First physical meeting of the ICID Young Professional's e-Forum (IYPeF) was held at Chiang Mai in November 2016 wherein five joint coordinators participated. During the meeting, Secretary General Avinash C. Tyagi facilitated the meeting with Ms. Kathleen Heuvel as Coordinator of IYPeF.

2. Nominations have been received from the National Committees of Morocco (Ms. Sara Boularbah and Ms. El Oumlouki Kaoutar), Korea (Ms. Jisun Kim), and Russia (Ms. Alina Al Buber) for the membership of the e-Forum as IYPeF is an open forum. The existing Membership of IYPeF is given at **Annex**. The Coordinator will present a brief report on the actions taken on the decisions and proposals of the IYPeF made at its last meeting held at Chiang Mai in November 2016.

**IYPeF Agenda Item 2: Report of the 1<sup>st</sup> virtual meeting of IYPeF, 16 January 2017**

3. First virtual meeting of IYPeF was organized on 16 January 2017 wherein five coordinators and four Central Office staff participated. During the virtual meeting, Ms. Jakia Akter (Bangladesh) informed that she has requested about 30 Young Professionals (YPs) from her office to become members of the forum. It was also informed that forum would explore possibilities of linking IYPeF with social media platforms such as Facebook, Twitter etc. Dr. Mika Turunen (Finland) volunteered to undertake take actions in this regard after considering pros and cons of such linking in consultation with the Coordinator of the forum.

4. During the virtual meeting, Secretary General Avinash C. Tyagi suggested that in the year 2017, five to six e-discussions on various topics may be organized and efforts should be made to organize at least one e-discussion every quarter. After discussions, it was decided that IYPeF in consultation with ICID Central Office will identify topics for e-discussion which will be organized sequentially (not in parallel) for a duration of 3 weeks each. One of Coordinators should take lead for a particular e-discussion. After completion of e-discussion, the lead coordinator will prepare a brief of about 2-3 pages as a summary and outcome of e-discussion. Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 3: Report of the e-discussions**

5. In 2017, IYPeF organized five e-discussions to enable the YPs to contribute their views on various topics related to the two Questions of the congress as well as the Symposium and Seminar to be held during 23<sup>rd</sup> ICID Congress in October 2017 in Mexico. Based on active participation and rich contribution to the discussions, Young Professionals were selected for Scholarships to join 23<sup>rd</sup> Congress and 68<sup>th</sup> IEC meetings at Mexico City representing Young Professionals. A brief on each of the e-discussion is presented below:

**IYPeF Agenda Item 3.1: Water-Food-Energy Nexus in a Changing World (Ms. Adey Mersha)**

6. The link between water, energy and food is inextricable in the sense that water is an input for producing all kinds of agricultural crops and along the entire agro-food industry and supply chain. The global community is well aware of food-energy-water challenges, but has often addressed them in isolation, within their sectoral margins. In order to discuss the issue, Ms. Adey Mersha coordinated the first e-discussion on "Water-Food-Energy Nexus in a Changing World" from 6-27 April 2017. The main objectives of the discussion were to bring Young Professionals in

contact with the experts in the field, highlight the views of Irrigation & Drainage Young professionals in a global channel of communication with regard to the concept and application of Water-Food-Energy Nexus approach, and promising long-term role of Irrigation and Drainage young professionals in the promotion and adoption of the nexus approach. During the e-discussion, Vice President Prof. (Ms.) Charlotte de Fraiture (The Netherlands) acted as a Mentor. Ms. Mersha/ Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 3.2: Gendered Impacts of Climate Change on Agriculture (Ms. Jakia Akter)**

7. Climate change is an important factor in agriculture since it can affect every step of the crop's growth. In rural areas, women spend more time for food production, collecting and storing food, fuel for cooking and heating, feeding their families, as well as water for all domestic uses, which means less time is spent on education, development work, health etc. In order to discuss these issues, the second e-discussion on "Gendered impacts of climate change on agriculture" was coordinated by Ms. Jakia Akter from 16 May to 3 June 2017. The e-discussion mainly focused on – (a) how women engaged in agriculture are affected by climate change? (b) What gender specific mitigation/adaptation measures can be taken to reduce the adverse impacts of climate change? (c) What specific measures in the Irrigation & Drainage sector can be taken to reduce the additional hardships that results in the life of women due to climate change? Ms. Akter / Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 3.3: Opportunities and Challenges of Drainage Development (Dr. Mika Turunen)**

8. Although drainage can play a potential role in food production, there are also challenges in the wider adoption of the drainage procedures. Therefore, it may be argued that institutional mechanisms for drainage implementation have not fully developed. It is also open for debate whether it would be more efficient to consider drainage infrastructure as a public good which should be publicly funded or as a private investment of a farmer. In order to discuss these issues, the third e-discussion on "Opportunities and challenges of drainage development" was coordinated by Dr. Mika Turunen from 9-30 June 2017. The e-discussion focused on - (a) What are the most promising means to enhance and promote the role of drainage in agricultural water management? (b) How irrigation and drainage planners and officers currently take into account the drainage needs? (c) What are the current trends in irrigation and drainage organizations to put more efficient drainage procedures into operation? (d) How the young professionals could promote the drainage issues? Dr. Mika Turunen/ Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 3.4: Role of Irrigation in Food Security (Ms. Kathleen Heuvel)**

9. Crop productivity has a vital role in achieving both food security and water sustainability which are in ever increasing demand around the world. In order to explore the role of irrigation in food security, we must also consider environmental issues resulting from over exploitation and poor management of water resources as food production depends on the sustainable use of such land and water resources. In order to discuss these issues, the fourth e-discussion on "Role of irrigation in food security" was coordinated by Ms. Kathleen Heuvel from 21 August- 8 September 2017. The e-discussion focused on - (a) What are the potential solutions for irrigators facing limited water resources and growing food demand? Does this challenge differ for small and large scale irrigators? (b) Are there examples of programs or policies in place that demonstrate sustainable irrigation practices leading to improved crop productivity? (c) How can irrigation management for food production be developed without the loss of vital ecosystems? (d) What are the opportunities or proven practical examples of technology or scientific research being used to develop irrigation for improved food security? (e) What role do Irrigation and Drainage Young Professionals have in helping achieve food security? Ms. Heuvel/ Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 3.5: On Farm Efficiency for Small Scale Farming (Mr. Rafat Nael)**

10. Fifth in the series, Mr. Rafat Nael coordinated the e-discussion "On farm efficiency for small scale farming" Mr. Nael will provide further updates at the meeting.

11. Based on the opinions expressed by participating members on the above topics, Joint Coordinators were invited to prepare a two page write-up from the expression threads. Accordingly, Ms. Mersha, Ms. Akter, Dr. Mika Ms. Heuvel, Mr. Rafat – Joint Coordinators submitted their 2-page reports. Members present may inform the group about their experiences. Members will discuss the mechanism as to how they can continue this activity making use of the IYPeF in 2018. Based on the discussions, Coordinator with assistance from Joint Coordinators will develop an Opinion Paper on the discussions by 31 December 2017.

**IYPeF Agenda Item 4: Active participation in ICID Webinar services**

12. During the first virtual meeting of IYPeF held on 16 January 2017, Secretary General Avinash C. Tyagi proposed to organize two series of webinars, first professional series to be delivered by the identified experts and second YP series to be delivered by identified YP. Webinars would be for a duration of one hour- 35-40 minutes for presentation and 20-25 minutes for discussions.

13. The following webinars were held in 2017: (a) Water Use Efficiency: Er. Felix Reinders (South Africa) on 1 March 2017; (b) Water Accounting and Audit : Dr. Wim Bastiaanssen (The Netherlands) on 3 April 2017; (c) Practical Benchmarking for Improving Performance of Irrigation and Drainage Schemes: Dr. Martin Burton (UK) on 7 June 2017; (d) Planning for Irrigation Modernization – The MASSCOTE Approach: Dr. Robina Wahaj (FAO) on 5 July 2017; (e) National Water Account: Australian Experience: Dr Amgad Elmahdi (Australia) on 18 July 2017; (f) Seminario web sobre El Marco de Contabilidad de Agua WA+ para la Gestión de Recursos Hídricos: Dr. Gonzalo E. Espinoza (UNESCO-IHE) on 25 July 2017.

14. The following was decided during the virtual meeting for YP series: (a) Webinars under YP series would initially be for IYPeF only; (b) Identified YP speaker would prepare a brief concept note (about 300 words) giving scope, objective etc. and send the same to ICID CO well in advance (at least one month in advance) so that it can be shared with relevant WG Chair for their suggestions and views. ICID CO will invite WG to guide and advice on development of webinar material; (c) Announcement for webinar will be issued on IYPeF and other channels at least 15 days in advance of the actual date of webinar. Dr. Mohamed El Hagarey (Egypt) has agreed to organize the Webinar after October 2017. The Coordinator may provide further updates at the meeting.

**IYPeF Agenda Item 5: Capacity development programme for Young Professionals from Asian region in 2017, China**

15. ICID in association with the Chinese National Committee (CNCID) is planning to organize a five-day training programme in November/ December 2017 on the theme “Performance Assessment of Irrigation Systems”. NC have been invited to nominate Young Professionals (YPs) from institutions involved in agriculture water management within Asian countries to attend the programme. The training programme will provide opportunity to the participants with broad understanding of various related topics pertaining to performance assessment such as need, framework, performance indicators, techniques and tools for performance assessment etc. The main focus will be on physical, institutional, organizational and participatory management aspects. The Coordinator/ Secretary General may provide updates at the meeting.

**IYPeF Agenda Item 6: Training workshops for Young Professionals (YPs) in October 2017, Mexico**

16. Two half-day training workshops will be held on 13 October 2017 during Mexico Congress. (1) A half-day training workshop for young professionals on “Value Engineering: An effective and efficient methodology for enhancing irrigation, drainage and flood management projects” will be held on 13 October 2017 (09.00-12.30 hours). The main scope of the training is to introduce the concepts of value engineering and its role in irrigation, drainage and flood management projects to increase benefits, reduce cost and ensure sustainable irrigated agriculture. Dr. Kamran Emami (Iran) will be the coordinator of this training workshop. (2) Another half-day Training Workshop on “National Water Account: Australian Experiences” will be held on 13 October 2017 (13.30-17.00 hours). The main scope of the workshop is to introduce the concept of water accounting to young irrigation engineers and professionals related to irrigation and drainage sector. Dr. Amgad Elmahdi (Australia) will be the Coordinator of this training workshop. All YPs are requested to participate in these two workshops.

**IYPeF Agenda Item 7: Proposed e-discussion and webinar topics for 2018**

17. Based on the e-discussions organized during the year 2017, members may discuss and propose the new topics for the e-discussions and webinars for the year 2018 at the meeting. They may suggest ways for making the e-discussions more effective.

**IYPeF Agenda Item 8: Any other Business**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mexico City (Mexico) after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 12 October 2017.



**Membership of ICID Young Professional's e-Forum (IYPeF)**

<b>Sl. No.</b>	<b>Name / Coordinator</b>	<b>Country</b>	<b>Membership</b>
1	Ms. Kathleen Heuvel	Australia	Coordinator (2016)
2	Ms. Adey N. Mersha	Ethiopia	Joint Co-ordinator (2016)
3	Mr. Rafat Nael Al-Intaki	Iraq	Joint Co-ordinator (2016)
4	Mr. Mika Turunen	Finland	Joint Co-ordinator (2016)
5	Ms. Eman Ragab	Egypt	Joint Co-ordinator (2017)
6	Mr. M. Shoaib Saboory	Afghanistan	Joint Co-ordinator (2017)

