

**AGENDA FOR THE 3RD MEETING OF THE
ICID YOUNG PROFESSIONAL'S e-FORUM (IYPeF)**

14 August 2018, 9:00-10:30 hours (Session-I)
14 August 2018, 11:00-12:30 hours (Session-II)
Saskatoon, Saskatchewan, Canada

Year of Establishment: 2015

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>

IYPeF Agenda Item 1. Action taken report by Coordinator

1. The Coordinator will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held at Mexico in October 2017. The existing Coordinator and Joint Coordinators of IYPeF are given at Annex 1.

IYPeF Agenda Item 2. Report of the Virtual meetings of IYPeF

3. The First virtual meeting of IYPeF was organized on 30 November 2017 wherein six coordinators and Central Office participated. During the meeting Ms. Kathleen Heuvel welcomed all the members of IYPeF and informed that the aim of the meeting was to discuss and provide comments on the minutes of the 2nd IYPeF meeting held in Mexico City on 11th November 2017 and to further discuss and finalize e-discussion and webinar topics and updates on the proposed social media platform.

4. During the virtual meeting, Dr. Vijay Labhsetwar suggested in accordance with the IYPeF mandate and previous year, five e-discussions on various topics may be organized in 2018 and efforts should be made to organize one e-discussion every month. After discussions, it was decided that IYPeF in consultation with ICID Central Office will identify topics for e-discussions which will be organized sequentially for duration of 2 weeks each. Each Coordinator should take lead for a particular e-discussion. All the coordinators of the subsequent e-discussions were asked to facilitate their concept note on given topics well in advance with mentors for each e-discussion. After completion of the discussion, the lead coordinator will prepare a brief summary of about 2-3 pages as outcome of e-discussion.

5. The Second virtual meeting of IYPeF was organized on 5 January 2018 wherein four coordinators and Central Office participated. The IYPeF Coordinators in consultation with the ICID Central office further firmed up the IYPeF activities for the Canada meetings 2018. During the meeting, the coordinators finalized the e-discussion topics and assigned the role of lead coordinator and mentor for each e-discussion topic. In addition, it was proposed that a series of three webinars, to be held every alternate month, will be presented on the IYPeF LinkedIn forum in 2018. IYPeF and CO worked together to identify topics and potential speakers. Besides, the activities undertaken by the group in 2017-18 were discussed.

6. The Third virtual meeting of IYPeF was organized on 6 June 2018 which aimed to summarize the action points of the YP activities held during the year including e-discussions, webinars and training program/ workshop(s) for the young professionals in Canada. The meeting was attended by five coordinators and ICID Central office. Mr. Amali Abraham Amali (Nigeria) participated in the meeting as an observer.

IYPeF Agenda Item 3. Report of the e-discussions

7. As per the mandate, the ICID Young Professional's e-Forum (IYPeF) organized five e-discussions during the period Jan-May 2018 with a specific focus on the theme "Innovative and Sustainable Agri-water Management: Adapting to a Variable and Changing Climate" for the upcoming International Conference and the 69th IEC Meeting of the International Commission on Irrigation and Drainage to be held from 12-17 August 2018 in Saskatoon, Saskatchewan, Canada. The discussions were held online to encourage and intensify the active participation of Young Professionals in ICID activities in the domain of irrigation, drainage and flood management. All the YPs actively participated in the discussions steered by a lead IYPeF coordinator and their respective mentors.

Based on active participation and rich contribution to the discussions, 10 Young Professionals were selected for Scholarships to participate in the International Conference and 69th IEC meetings in Canada representing the YP forum (Annex 1). A brief summary on each of the e-discussion is presented below:

IYPeF Agenda Item 3.1. The use of Groundwater for Sustainable Agriculture (Ms. Eman Ragab, Egypt)

8. Groundwater currently supplies water to approximately 41% of the world's irrigated area and contributes to about 44% of irrigated food production worldwide. The growing importance of groundwater for agriculture can largely be explained by the convenience of groundwater to act as a reliable source for irrigation, providing water on demand, while being largely unaffected by seasonal surface hydrological variation. In order to discuss the issue, Ms. Eman Ragab coordinated the first e-discussion on "*The use of Groundwater for Sustainable Agriculture*" from 15-31 January 2018. The main objectives of the discussion aimed to- (a) get an insight into the growing importance and challenges of using groundwater in irrigated agriculture; (b) discuss the need for putting in place policies, schemes and measures that would help in promoting sustainable agriculture and avoid over exploitation of groundwater and; (c) highlight the views of young professionals with regard to groundwater, its sustainable use and potential solutions for avoiding irreversible damage to groundwater. During the e-discussion, Prof. Ahmed Khater (Egypt) acted as Mentor. Ms. Ragab/Coordinator may provide further updates (outcome) at the meeting.

IYPeF Agenda Item 3.2. On-farm efficiency for small scale farming (Mr. Rafat Nael, Iraq)

9. Concerns about scarcity of water have focused attention on irrigation, the largest water user sector worldwide, which is widely seen as a low-value, wasteful and "inefficient" user of water and in times of scarcity we all have a responsibility to use water wisely, efficiently and productively. The concept of efficiency in irrigation evolved some 70 years ago, following extensive field work in the 1940s, measuring the quantities of water applied to fields compared to the actual evapotranspiration requirements etc. In order to discuss these issues, the second e-discussion on "*On-farm efficiency for small scale farming*" was coordinated by Mr. Rafat Nael from 15 Feb-2 March 2018. The e-discussion mainly focused to – (a) Bring young professionals (YPs) in contact with the experts in the field; (b) Expose YPs to new accounting terms and allow a clearer definition of the issues and options faced in irrigated agriculture; (c) Highlight the views of YPs in Irrigation and Drainage regarding on-farm irrigation systems and their efficiency in use; and (d) Discuss the issues of water productivity and water saving. During the e-discussion, President Felix B. Reinders (South Africa) acted as Mentor. Mr. Rafat/Coordinator may provide further updates (outcome) at the meeting.

IYPeF Agenda Item 3.3. Policy Options for Enhancing Food Security (Ms. Adey Mersha, Ethiopia)

10. Food security can be understood very differently in different settings or contexts. According to FAO, the right to food does not imply that governments have an obligation to hand out free food to everyone who wants it. It goes on to say that the right to food is not a right to a minimum ration of calories, proteins and other specific nutrients, or a right to be fed. It is about being guaranteed the right to feed oneself, which requires not only that food is available – that the ratio of production to the population is sufficient – but also that it is accessible – i.e., that each household either has the means to produce or buy its own food. In order to discuss these issues, the third e-discussion on "*Opportunities and challenges of drainage development*" was coordinated by ICID Central Office on behalf of Ms. Adey Mersha from 15-31 March 2018. The e-discussion aimed to take into consideration the following objectives and questions: (a) Bring all young professionals to the same understanding of the concept of 'Food Security'; (b) Explore the missing options/policies in achieving 'Food Security'; (c) Explore the "Out of the box" issues for achieving the sustainable 'Food Security' ; (d) Can Social Engineering i.e. manage social changes and regulate the future development and behaviour of a society, play a role in 'Food Security'? (e) Is governance an issue? ; and (f) Discuss how irrigation and drainage policies are related to the other policies for enhancing Food Security?. During the e-discussion, VPH Hafied Gany, Chair, (WG-IOA) Indonesia acted as Mentor. Ms. Mersha/Coordinator may provide further updates (outcome) at the meeting.

IYPeF Agenda Item 3.4. Climate Change Impacts on Irrigation & Drainage (Mr. M. Shoaib Saboory, Afghanistan)

11. There is strong evidence that climate is already changing around the globe. In particular, changes in rainfall patterns and temperatures may impact the amount and timing of water availability. These changes could impact agriculture and other systems—such as hydropower—and could have broad economic effects. In light of these possible consequences, projecting the impacts of climate change is a growing research topic. The main discussion surrounding climate change is precisely how much it will change and what can be done to adapt to impacts—or better, mitigate the causes. In order to discuss these issues, the fourth e-discussion on "*Climate Change Impacts on Irrigation & Drainage*" was coordinated by Mr. M. Shoaib Saboory from 15-30 April 2018. The e-discussion aimed to – (a) Ensure all Irrigation and Drainage Young Professionals understand climate change phenomena; (b) Share insights on impacts of climate change in young professional's country; (c) Elaborate on successful adaptation and mitigation measures that are being practiced in their region; (d) Describe the importance of climate change research, scenario development, data availability, and data accuracy on informing decisions about mitigation of climate

change impacts and; (e) Discuss the role of governments, international donors, institutions, and agencies to implement potential adaptation and mitigation measures. During the e-discussion, Dr. Thomas Mosier (USA) acted as Mentor. Mr. Saboory/Coordinator may provide further updates (outcome) at the meeting

IYPeF Agenda Item 3.5. Farmer led Innovations for water efficiency, shared global success stories (Ms. Kathleen Heuvel, Australia)

12. The fifth and last in the series, Ms. Kathleen Heuvel coordinated the e-discussion on “*Farmer led Innovations for water efficiency, shared global success stories*” from 15-31 May 2018. Farmer-led innovations in water efficiency have the distinct advantage in using local knowledge to develop locally specific solutions. It has been defined as the process where farmers assume a driving role in improving their water efficiency for agriculture by improving their knowledge on production technology, investment patterns and market linkages, and the governance of land and water. In the process, farmers exhibit entrepreneurial and risk-taking behavior and interact with a range of other actors. With such innovations taking place all over the world, there is much to be learned from sharing the global success stories of on-farm innovations. The e-discussion focused on – (a) Sharing insights and diverse experiences that young professionals have encountered that demonstrate farmer-led innovations; (b) Highlight the views of Irrigation and Drainage Young professionals in a global channel of communication with regard to farmer-led innovations for water efficiency; (c) Bring together Young Professionals to share their experiences and learn from the success stories in the Irrigation and Drainage sector worldwide; and (d) Discuss the long-term role of young professionals in Irrigation and Drainage in advancing farmer-led innovations. Mr. Carl Walters, Vice-Chair, WG-ON-FARM (Australia) acted as Mentor during the e-discussion. Ms. Heuvel/Coordinator may provide further updates (outcome) at the meeting

13. 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. The Coordinator may apprise the members.

IYPeF Agenda Item 4. Active participation in IYPeF Webinar series 2018

14. During the first virtual meeting of IYPeF held on 30 November 2017, Dr. Vijay Labhsetwar after discussion proposed that a series of three webinars will be presented in 2018. Webinars will ideally be held every second month, however this may vary due to availability of speakers. IYPeF and CO worked together to identify topics and potential speakers. It was decided that webinar duration would be of 1 hr i.e. 5 minutes introduction followed by 40 minutes PPT and thereafter 10 minutes discussion or question/answer session and closing of 5 minutes. The YP and speaker would prepare a brief concept note (about 300 words) giving scope, objective etc. along with a PPT and send the same to ICID CO (at least one month in advance) so that it can be shared with relevant WG Chair for their suggestions and views. ICID CO may invite the concerned WG to guide and give advice on development of webinar material, if possible. The announcement for webinar will be issued on IYPeF and other channels at least 15 days in advance of the actual date of webinar.

15. The following webinars were held in 2018: (a) Save Irrigation Water Using an Innovative Machine- Soil and Water Management for Rice Crop Cultivation (SWMR) by Dr. Mohamed El Hagarey (Egypt), a Young Professional WatSave Award winner (2016) on 3 April 2018; (b) Using System Rice Intensification to increase water productivity, in Nile Delta, Egypt by Dr. Arnulfo Gonzalvez and Ms. Sabah Khalifa from Egypt on 3 June 2018.

16. Mr. Paavan Kumar Reddy Gollapalli (India) and Mr. Najum Anjum (Afghanistan) has prepared webinar presentation on the topic ‘Open Source Geo-Spatial Tools and Mobile Device for Canal Network Digitization’ and ‘Water use efficiency and water productivity, Experience from Afghanistan’ respectively. However, this would be taken up in the next webinar series post Canada Meetings.

IYPeF Agenda Item 5. Capacity development program for Asian Young Professionals in 2018, China

17. ICID in association with the Chinese National Committee (CNCID) and support from the Korean National Committee (KCID) organized a five-day YP training program for the young professionals on the theme “Performance Assessment of Irrigation Systems” from 9-13 April 2018 at China Hall of Science and Technology in Beijing, China. NCs were invited to nominate Young Professionals (YPs) from institutions involved in agriculture water management within Asian countries to attend the program. CNCID also organized a 2-day workshop entitled “Innovations of Irrigation Technology” on 14-15 April 2018 for the young professionals. This is for information.

IYPeF Agenda Item 6. Training workshops for Young Professionals (YPs) in August 2018, Canada

18. Representatives from CANCID Dr. Willemijn Appels, Mueller Applied Research Chair in Irrigation Science, Centre for Technology, Environment and Design and Mr. Evan Derald, Science and Technology Branch, Agriculture and Agri- Food Canada will be organizing a full-day workshop for the YPs on 16 August 2018 from 09:00 to 17:00 hrs. All Young Professionals are encouraged to attend the training workshops and other assigned activities.

IYPeF Agenda Item 7. Proposed e-discussion and webinar topics for 2018-19

19. Based on the e-discussions organized during the year 2018, IYPeF Coordinators may discuss and propose new topics for the e-discussions and webinars for the year 2018-19 with the name of the “facilitating” coordinator at the meeting. They may suggest ways for making the e-discussions more effective and popular. The Coordinators will liaise with the Central Office via virtual meeting to finalize and shortlist from the proposed list of topics suggested.

IYPeF Agenda Item 8. Social media platform

20. The possibility of linking IYPeF with social media platforms such as Facebook, Instagram, Twitter etc. was collaboratively explored by Dr. Mika Turunen (Finland) and Amali Abraham Amali (Nigeria). The first glimpse of the same was shared for better promotion of the LinkedIn e-discussions, increased involvement for YP’s in countries without access to LinkedIn and for an informal social and photo sharing opportunity via Instagram. Dr. Mika and Mr. Amali provided latest updates to the members on social media activation during the third virtual meeting and also agreed to a presentation during the Canada Meetings.

IYPeF Agenda Item 9. Any other Business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Saskatoon, Saskatchewan (Canada) after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 15 August 2018.

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

SI. No	Name / Coordinator	Country	Membership
1	Ms. Kathleen Heuvel	Australia	Coordinator (2016)
2	Ms. Adey N. Mersha	Ethiopia	Joint Co-ordinator (2016)
3	Ms. Eman Ragab	Egypt	Joint Co-ordinator (2017)
4	Mr. M. Shoaib Saboory	Afghanistan	Joint Co-ordinator (2017)
5	Ms. Sahar Norouzi	Iran	New Joint Co-ordinator (2018)
6	Mr. Amali Abraham Amali	Nigeria	New Joint Co-ordinator (2018)

List of Recipients for IYPeF Scholarships

SI. No	Name	Country	Remarks
1	Mr. Girmachew Addisu	(Ethiopia)	Selected for scholarship in 2018
2	Ms. Sneha Reddy	India	Selected for scholarship in 2018
3	Mr. Hassan Farahani	Iran	Selected for scholarship in 2018
4	Mr. Sekyi-Annan Ephraim	Ghana	Selected for scholarship in 2018



