

**AGENDA FOR THE 30<sup>TH</sup> MEETING OF THE  
AFRICAN REGIONAL WORKING GROUP (AFRWG)**  
05 September 2019, 09:00-11:00 hours (Session I) and 11:15-13:15 hours (Session II)  
Bali, Indonesia

**Presented by the Chairman**

**Year of Establishment: 1994**

**Mandate:** To promote links and networking among the African countries as well as regional and international institutions for enhancing cooperation and coordination, and to support integrated river basin development, training and research issues and information system for African needs.

**Website:** <http://afrwg.icidonline.org/>

**AFRWG Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held at Saskatoon in August 2018.
2. ICID Central Office vide e-mail of 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries suggested to make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chair of the workbodies were requested to send the 'Expression of Interest' to initiate the processes. No virtual meeting of the WG could be arranged during the period since last meeting in Canada. But discussions and sharing suggestions through emails and chatting were very effective during the year.
3. As a follow-up of reactivation of National Committees (NCs) of African countries as well as active contribution of the NCs in ICID activities, ICID Central Office has followed-up with the young professionals from Ethiopia, Malawi, Mali, Niger, Madagascar Chad, Somalia, and Tanzania who attended the First African Young Water Professional's Forum (Af-YWPF) in October 2018 at Cairo to liaise with their National Committee/ Ministry in their country to find about the status and possibilities of payment of annual membership subscription of their National Committee. Also, direct communications from the chair to some non-active NC's have been carried out to encourage them to join the ICID and AFRWG activities (Tunisia-Algeria).
4. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**AFRWG Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities in the African region**

5. During Saskatoon meeting, the group reviewed and discussed the Road Map to ICID Vision 2010 (refer **Annex 2**). With efforts from the Chair, a Memorandum of Understanding (MoU) between Morocco National Committee on Irrigation and Drainage (ANAFIDE) and Egyptian National Committee on Irrigation and Drainage (ENCID) was proposed to be signed during the Cairo Water Week in October 2018, but it is still under processing. Also, a draft MoU between ENCID and each of Sudanese, Russian and Italian NCs is also under discussion. Chair encouraged all African NCs to take actions towards the bilateral cooperation to promote exchange of knowledge, experiences and information.
6. The Chair encouraged the establishment of YP-WG at African NC's level and informed that the National Committee of Egypt, Morocco and Sudan had already taken action and the established relevant YP-WG. A group on WhatsApp has also been established for exchange of information on activities of the RWG. Actions have been taken for dissemination of publication, bulletin, and news update to the members of the YP-WG. Chair encouraged other NCs like South Africa, Nigeria, Ethiopia and Somalia to take the same action towards the establishment of YP-WG at their national levels.
7. In March 2019, VPH Dr. Wahba has approached Dr Eman Elsayed, Chairman of Planning Sector, MWRI for collaboration of India Water Week and Cairo Water Week. The India Water Week (IWW) 2019 on the theme "Water Cooperation – Coping with 21<sup>st</sup> Century Challenges" will be organized from 24-28 September 2019 at New

<sup>1</sup> This will also include details of membership of WG as **Annex**

Delhi (India). The event will be organized by the Ministry of Jal Shakti in co-ordination with nodal Ministries of Agriculture; Environment, Forest and Climate Change; Rural Development; Urban Development; Drinking Water Supply and Sanitation; Power; New and Renewable Energy; Niti Aayog along with their associated expert organizations and Public Sector Units, key International Bodies and Private and Public business houses. ENCID representative will provide further updates at the meeting.

**AFRWG Agenda Item 3: Progress on Position paper on Green Revolution in Africa**

8. During the Saskatoon meeting, WG deliberated on the preparation of the Position Paper on Green Revolution in Africa and reviewed the table of contents and circulated to the different NCs. WG noted the slow progress made so far towards the first draft of the position paper. In order to get information for preparation of the paper and initiatives from different areas in Africa, Chair encouraged members to capitalise on the planned event of Alliance for Green Revolution in Africa (AGRA) in September 2018. During meeting, ANAFIDE agreed to provide support for development of the position paper, considering the availability of information within their reach and willingness to share such information for the benefit of the entire region. The group stressed the need to finalise the position paper before the Bali meeting. The need to collaborate and discuss with other organisations such as the Alliance for Green Revolution (AGRA) was also highlighted during Saskatoon meeting. The Vice-Chair further re-emphasised the position of SADC to lease and collaborate with other organisations involved in agriculture and stressed to finalize a draft report before Bali meeting and encouraged the support of other NCs so as to produce a report reflective of the strides the continent is making towards Green Revolution. Chair/ Vice Chair will provide further updates at the meeting.

**AFRWG Agenda Item 4: Progress on implementation of the action program for Africa - Strategy for capacity building in Africa (Training Needs Assessment Report)**

9. At Saskatoon, the group noted very poor response to the Training Needs Assessment (TNA) questionnaire and requested NCs to make possible inputs to have a clear reflection about activities taking place and need to be undertaken within the African Region. The Vice Chair agreed to facilitate inputs from South African National Committee (SANCID) for which the Chair agreed to follow up with SANCID. The group was of the view that the initiative should not be seen as once-off process but as an ongoing activity of continuous monitoring.

10. Secretary Engr Amali presented analysis and report of the TNA based on information received from the NCs on TNA till that time. Due to the sparse distribution of received submissions and gaps in the information, the group highlighted on the need to have more applicants covered within the TNA to have an analysis that reflect the situation in the entire African region. Accordingly, the group decided to wait for further responses on TNA from NCs till 30 November 2018 and then to proceed with the analysis of the information received and finalisation of the report.

**AFRWG Agenda Item 5: Exchange of information, knowledge and experience (progress in activating Young professional working group at Africa NC's)**

11. During the Saskatoon meeting, WG discussed on the need and mechanism of exchange of information between African NCs and the need for NCs to share and exchange information, upload reports and scientific papers generated through different sources for uploading on the website by the ICID Central Office. During deliberation, the need for NCs to sign MoUs within themselves and other organisations within and outside Africa was highlighted so that it will help in achieving set objectives, to facilitate information exchange within the continent ranging from technical to scientific information. The group's attention was drawn to rising need for Young professionals and the need for their capacity building. Like formation of a Young Water Professional Forum (YWPF) in Egypt and Morocco and the efforts of establishing the YWPF by Somalia NC, the group emphasized the need for other NCs to take up the initiative to activate such groups within their committees.

12. Chair/ Vice Chair will provide further updates at the meeting.

**AFRWG Agenda Item 6: Updates on Regional Irrigation Associations- SARIA, NARAID, ARID-RAID by the Chair or Representative**

13. Towards achieving ICID's vision in Africa, ICID has drawn up a number of initiatives for African region in collaboration with regional associations like Southern Africa Regional Irrigation Association (SARIA), Alliance for Green Revolution (AGRA), Regional Association on Irrigation and Drainage for West and Central Africa (RAID-ARID) and North African Regional Association for Irrigation and Drainage (NARAID), which is under establishment, such as Capacity Development Program and Training Workshops for Young Professionals from the Region and encouraging bilateral cooperation between the NCs of ICID in the region by way of formal MoUs.

14. The South African Committee on Irrigation and Drainage (SANCID) organized its 2018 Symposium from 13-15 November 2018 at Ingwenyama Conference & Sport Resort, White River under the theme 'Opportunities to Manage Climate Change'. The symposium aimed to attract a multi-disciplinary group of professionals involved with irrigation drainage in Southern Africa. Academics, professionals, practitioners, policy makers, researchers

and consultants participated in this event that concerns an industry where engineering, agricultural science, economics, development and the environment come together to exchange ideas, share experiences and identify new opportunities and also highlight new challenges in the water sensitive sectors including agriculture. At least more than 80 participants in the fields of irrigation, drainage, agriculture water management, climate change, environment and related fields attended the symposium representing different organizations/ institutions within the country. SANCID provides a wonderful platform for the irrigation community and interested development professionals to debate issues plaguing irrigated agriculture, in a time of depleting freshwater resources, climate challenges, population increases etc.

15. Representative from Regional Associations may provide further updates on their activities at the meeting.

**AFRWG Agenda Item 7: First African Young Water Professional's Forum (Af-YWPF) in October 2018 in Cairo, Egypt and Establishment of AF-IYPeF - Feedback**

16. The Ministry of Water Resources and Irrigation of Egypt in collaboration with other Ministries and international partners organized the First Cairo Water Week (CWW) from 14-18 October 2018. During the 1<sup>st</sup> CWW, the AFRWG, seized the occasion to establish the African Young Water Professionals Forum (Af-YWPF) and organized its first meeting to discuss the forum's objectives and mandate. The Af-YWPF was organized from 14-16 October 2018 under the auspices of AFRWG and the Egyptian National Committee on Irrigation and Drainage (ENCID). The forum was supported by Ministry of Water Resources and Irrigation of Egypt (MWRI), International Commission on Irrigation and Drainage (ICID), Korea Rural Community (KRC), International Water Management Institute (IWMI), Global Water Partnership-Mediterranean (GWP-MED), the Nile Basin Capacity Building Networks (NBCBN) as well as National Committees on Irrigation and Drainage of Morocco, Italy and South Africa. The main aim was to create awareness among Young Professional's on water resources, irrigation and drainage challenges and capacity development to facilitate sharing of experiences between the Young Professional's (YP's) in water related fields.

17. The three-day Training Workshop of the forum brought together 24 African future water leaders from 12 African countries including Sudan, Morocco, Ethiopia, Kenya, Mauritania, South Africa, Uganda, Nigeria, Malawi, Tanzania, Ghana and Egypt. The workshop included opening and closing sessions, four training workshops and four keynote speeches given by international experts, with hopes to challenge and inspire young water professionals within the continent about leadership in the research and innovative space and motivate their action.

18. The training workshop exposed participants to important issues such as Water Food Energy Nexus, value engineering, current trends, technologies and research gaps in water resources, irrigation and drainage as well as simulation modelling in irrigation and drainage. Discussions ranged from climate change impact and vulnerability assessments in the Arab Region to using solar energy in irrigation. It was a fantastic opportunity for YP's to showcase their knowledge and broaden their perspective to sustainable water management in an international setting, learn from shared experiences to broaden their minds and thinking of new and experienced water professionals. This gave them the opportunity to reflect on the skills and attributes they can bring to leadership in their different organizations, encourage innovative thinking and motivate societal-driven research. It also provided an exceptional networking platform for YPs to mingle with themselves and establish meaningful connections to promote their innovations among organizations and future engagement in research and development and other work-related matters. Chair will provide further updates on Af-YWPF at the meeting.

**AFRWG Agenda Item 8: 5<sup>th</sup> African Regional Conference on Irrigation and Drainage, 16-19 March 2020, Marrakesh, Morocco**

19. The Moroccan National Committee of ICID (ANAFIDE) will be organizing the 5th African Regional Conference on Irrigation and Drainage (ARCID) from 16-19 March 2020 in Marrakesh, Morocco to exchange experiences about lessons drawn, innovative technologies and irrigation development strategies to reduce deleterious impacts of climate change on African agriculture. The 5th ARC will focus on the theme "Sustainable Management of Irrigation for Improved Resilience of Agriculture in Africa" considering the need to address the aforementioned challenges to improve resilience in agriculture productivity for ensuring food security for the present and future generations in the African region. The following four sub-themes will be covered under the main theme: (i) Strategies to cope with water scarcity; (ii) Valorization of irrigation water; (iii) Management of irrigation schemes at different scales; and (iv) Drainage and ecological issues. The conference will bring together a wide range of participants, including policy decision makers, professionals, academicians and researchers from Africa and beyond working in irrigation and drainage or closely related fields and will provide an opportunity to revisit Moroccan achievements in modernized irrigated agriculture and appreciate historical attractive places in the country. It also proposed to organise technical visits and post conference tours to some major irrigation projects financed and implemented through the PPP model in the southern coastal region of Agadir. ANAFIDE invites all prospective delegates to attend and contribute to this important regional conference. During Mexico meeting, it was agreed that a training programme for YP's from African region will also be organized preceding 5AfRC.

20. ICID Central Office has disseminated the information to all National Committees, International Organisations, and various professionals and publish it on ICID News Update [http://www.icid.org/nup2019\\_2.pdf](http://www.icid.org/nup2019_2.pdf) besides uploading it on ICID website. Members are requested to contribute to the Conference by submitting the abstract(s) through email at [bartali.h@gmail.com](mailto:bartali.h@gmail.com), [anafide.ma@gmail.com](mailto:anafide.ma@gmail.com); or by visiting the website <http://5arcid.ma/login/>. Representative from ANAFIDE will provide further updates at the meeting.

**AFRWG Agenda Item 9: Progress for the proposed third node for IRPID for African region**

21. At Saskatoon meeting, with regards to the third node for IRPID, the group discussed the need to work jointly to maximise limited resources and find common grounds with which they can relate. Vice Chair stressed the need to take advantage of the new opportunity of the equipment in the Irrigation and Drainage Centre, proposal for new efficient drip irrigation materials to be subsidised for farmers. In May 2019, ICID Central Office has requested Egyptian National Committee (ENCID) to provide further progress for hosting the Regional Node of International Research Program for Irrigation and Drainage (IRPID) for North African countries. Similarly, Chair VPH Wahba has requested the newly elected Chair Hesham Mostafa of ENCID to take the approval of board members however, response is awaited. ENCID representative will provide further updates at the meeting.

**AFRWG Agenda Item 10: Af-YWPeF - Program of 2019 and future activities**

22. The objective of the African Young Water Professional's e-Forum (Af-YWPeF) is to bring together Africa's future leaders from the private sector, research and government institutions around the central theme of water conservation for sustainable development. The water professionals would get an opportunity to showcase their knowledge and contribution to sustainable water management in an international setting, discuss what they learned from their experiences, to broaden the mind and thinking of new and experienced water professionals etc. Chair VPH Dr Wahba proposed the Rules and Regulations and schedule for Af-YWPeF activities in 2019 and is given as **Annex 3**.

23. It was also proposed that sharing useful documents or links to events is highly encouraged. Members are requested to access the LinkedIn page of <https://www.linkedin.com/in/icidonline> or <http://www.icid.org/afrwg.html> for more details and encourage YPs from their country to join the Af-YWPeF. Chair will provide further updates at the meeting.

**AFRWG Agenda Item 11: Capacity building training and technology transfer for Africa**

24. Chair VPH Dr Waha has initiated the future cooperation for the capacity building for the African YP's especially for the North African countries. In this respect, Chair Dr. Wahba has approached international organizations for cooperation with them and the topics for training programs or training workshops will be part of the global initiatives like SDG's, climate change adaptation and mitigation, drought and flood management.

25. In response, Dr. Tarek Sadek, First Economic Affairs Officer (Water Resources and Climate Change), Water Resources Section Sustainable Development Policies Division (SDPD), Economic and Social Commission for Western Asia (ESCWA) of United Nations (UN) has kindly agreed for the cooperation between ESCWA, AFRWG - ICID and ICID and have a MOU for this kind of cooperation. Dr Tarek Sadek has informed that they are ready to jointly organize with ICID and AFRWG the coming training workshop for North African countries on the topics of mutual interest and proposed to conduct this training in 2019 in Beirut or any North African country, preferably back to back with one of the regional events. Chair Dr. Wahba will provide further updates at the meeting.

26. In November 2018, VPH Dr Mohamed Wahba has informed about the proposal of a training course for African young professionals titled "Vocational Training Program of Canal Protection & Economy Developing" in 2019 in cooperation with World Historic and Cultural Canal Cities Cooperation Organization (WCCO), Yangzhou Polytechnic College (YPC), and ICID. Dr Wahba also informed that the fund will be from the Chinese side and proposed to organize training once a year. Chair Dr Wahba will provide further updates at the meeting.

**AFRWG Agenda Item 12: Any other business**

**SUPP: Pr. El Houssine Bartali, Vice President of Moroccan National Committee (ANAFIDE) vide his email of 26 August 2019 has submitted a proposal for organization of 10<sup>th</sup> International Micro Irrigation Conference (IMIC) on the theme "Micro irrigation in the era of technology innovation and digital transformation" and 72<sup>nd</sup> International Executive Council (IEC) meeting from 26 September to 2<sup>nd</sup> October 2021 in the city of Agadir, Morocco. ANAFIDE representative will provide further updates at the meeting.**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Bali, Indonesia after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 5 September 2019.

**A. Membership of African Regional Working Group (AFRWG)**

Sl. No.	Countries (Year of joining)	Present representatives (Year of Joining)	Remarks
1.	Egypt (1950)	VPH Dr. Mohamed Wahba, Chair (2016)	Attended meetings in 2016 & 2017 and contributed in 2017 & 2018
2.	South Africa (1993)	Dr. Sylvester Mpandeli, Vice Chair (2016)	Attended meetings in 2017 & 2018
3.	Nigeria (1970)	Engr. Amali Abraham Amali – Young Professional, Secretary (2017)	Attended meeting in 2018 and contributed in 2017 & 2018
4.	Burkina Faso (2014)	Mr. Jean Bernard Dambre (2016)	Attended meeting in 2016 and contributed in 2017
5.	Burkina Faso (2014)	Mrs. Salamata Karambiri MIWENDE (2015)	Attended meeting in 2015 and contributed in 2018
6.	Chad (2012)	Mr. Tchouadang Kadjonga (2015)	Attended meeting in 2015 and contributed in 2018
7.	Egypt (1950)	VPH Dr. Samia El-Guindy	Attended meeting in 2015 and represented by ENCID in 2016
8.	Egypt (1950)	Eng. Omnia Hassan Ahmad Salem – Young Professional	
9.	Ethiopia (1976)	Representative from ETCID	
10.	Malawi (1967)	Representative from MALCID	
11.	Mali (2005)	Representative from AMID	
12.	Morocco (1959)	Ms. Sara Boularbah – Young Professional	Represented in 2018
13.	Morocco (1959)	Ms. El Oumlouki Kaoutar – Young Professional	Represented in 2018
14.	Niger (2007)	Representative from ANID	
15.	Nigeria (1970)	Engr. Joe Kwanashie (2014)	Represented by NINCID in 2017 & 2018
16.	Somalia (2017)	Mr. Abdullahi Hassan Hussein – Young Professional	Attended meeting in 2018 and contributed in 2018
17.	Somalia (2017)	Eng. Mohamed Mohamud Abdi	
18.	Sudan (2015)	Eng. (Ms.) Hind Massoud Hamed Elineel	Contributed in 2017
19.	Sudan (2015)	Eng. Marwa Faisal Salman Mohamed – Young Professional	Contributed in 2017
20.	Zambia (1966)	Mr. Mulako Cornelius Sitali (2015)	Contributed in 2016 & 2018
<b>Observers/ Permanent observers</b>			
1.		FAO Representative	
2.		World Bank Representative	
3.	Italy	Mr. Jean Syroganis Camara	
4.	Italy	Mr. A. de Vito	
5.	Sudan	Eng. Omer Yousef	
6.		ARID Representative	Attended meeting in 2015
7.		SARIA Representative	Attended meeting in 2017
8.		AgWA Representative	Attended meeting in 2015



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
<b>Goal B: Be a Catalyst for Change in Policies and Practices</b>							
<b>B1. Strategy:</b> Supporting Development of Appropriate Policies	1.15 Position Paper on Green Revolution in Africa	Position paper	Prepare the draft paper	Finalise the paper			
<b>GOAL C: Facilitate exchange of information, knowledge and technology</b>							
<b>C3. Strategy:</b> Promoting Regional Cooperation	3.4 Activate or Establish Regional/sub-regional WGs	Regional WGs	Collaboration with AfYWP-Forum				
<b>Goal F: Facilitate capacity development</b>							
<b>F2. Strategy:</b> Support Capacity Development Activities of Member Countries	2.4 Strategy for capacity building in Africa	Strategy/ Policy	Identify new themes and revise the strategy	Update the strategy			

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



## AFRICAN YOUNG WATER PROFESSIONAL'S E-FORUM (AF-YWPEF)

### 1. Tentative Schedule for Af-YWPeF Activities In 2019

Activity	Topic	Facilitator	Date
E-discussion	Prospects and Barriers to Scaling up Technological Innovations in Irrigation and Drainage	Amali A. Amali	01-15 June 2019
Webinar	Climate Change Adaptation for Water, Food, and Environmental Security	TBA	July 2019
E-discussion	Quality Management for Irrigation and Drainage systems	Richard L. Hay	01-15 August 2019
Webinar	Quality Management for Irrigation and Drainage systems	TBA	September 2019
E-discussion	Water-food-Energy-Ecosystem Nexus: Building technical knowledge on the approach	Adey M. Nigatu	01-15 October 2019
Webinar	Climatic Change Impacts on Water requirements	Prof. Ragab Ragab	November 2019
E-discussion	Water Crisis: Challenges and Management	Eman N. Ragab	01-15 December 2019

### 2. Rules and Regulations for coordination among YPs

- (a) Af-YWPeF members are Young Professionals (YPs) and experienced stakeholders from government, industry, and academia.
- (b) An Af-YWPeF member is considered a Young Professional (YP) if s/he is  $\leq 40$  years at the time of joining/consideration
- (c) For Af-YWPeF e-discussions,
  - (i). Documents will be made available in English language but with progressive efforts to translate documents to other working languages within the African continent. Nevertheless, discussions within the Forum are not restricted to English language alone.
  - (ii). Every Af-YWPeF member is allotted a maximum of 10 comment slots per e-discussion topic. (Subject to review depending on the discussion topic)
  - (iii). Participants in e-discussions are required to assign a continuous number at the beginning of every comment for easy correspondence/tracking.
  - (iv). YPs' creative view is the call for e-discussions and complete importing from literature is not acceptable except when ideas need be supported with some facts and figures.



