



From Secretary General's Desk...

Dear Colleagues,

Since the last edition of the ICID NEWS Update of March 2014, the reports of the IPCC Working Groups II (Impacts, adaptations and vulnerability) and Working Group III (Mitigation of Climate Change) have since been approved and released. WG II has clearly identified the increasing risk of food insecurity and the breakdown of food systems linked to warming, drought, flooding, and precipitation variability and extremes, particularly for poorer populations in urban and rural settings, with high confidence. It also concludes, among other, that climate-related hazards exacerbate other stressors, often with negative outcomes for livelihoods, especially for people living in poverty. Risk of loss of rural livelihoods and income due to insufficient access to drinking and irrigation water and reduced agricultural productivity, is highly likely to increase, particularly for farmers and pastoralists with minimal capital in semi-arid regions.

The report also concludes with high confidence that, in addition to the human-driven pressures, climate change is an additional driver of risk. Existing pressures on water may increase due to climate extremes and variability, leading to increased scarcity in some places, while confronting severe floods, sometimes both at the same place but in different time. Climate change projections



indicate future challenges to water security, increasing ecological, economic and social vulnerabilities, especially in the arid regions.

In order to improve poverty situation in these regions agricultural water management has to play a crucial role. The questions that are being addressed at the 22nd ICID Congress constitute an effort to build awareness of these crucial issues among the National Committees in order for them to play the key role at the national level in promoting sustainable development through better agriculture water management. The stage is set for rich deliberations through more than 250 paper discussions and poster presentations.

I am sure all our National Committees are preparing themselves, like the Indonesian National Committee, to make best use of the opportunity to share experiences at Congress by discussing these issues at the national level. INACID is organizing a preparatory seminar to bring together the public and private sector, and the academics to discuss critical issues on irrigation, drainage, agriculture and climate change under the theme 'Sustainable Lowland Irrigation Management and Strategies for Supporting National Food Security in Climate Change Adaptation'. Read more on the proposed seminar inside.

Sustainable agriculture is a subset of the Green Economy and a function of environmentally sound agriculture water management. 12th International Workshop on Drainage scheduled late next month organized by RUCID in St. Petersburg will be addressing this important issue. In the face

of limiting natural resources, sustainability of increased agriculture production is one of the major concerns today. An interactive Workshop titled 'Adapting Irrigation for Green Economic Growth' at Alterra Wageningen UR by NETHCID and the Seminar titled 'The daunting challenges of canal irrigation reform for water productivity and food security' organized by Irrigation and Water Forum (IWF/ICID. UK) and University of East Anglia (UEA) are examples of the way our NCs are embracing themselves to the sustainability issues in agricultural water management.

A number of historical irrigation structures around the world that have served the mankind in meeting its food and fibre needs over the centuries can provide many relevant lessons for the planners and managers. To collect these lessons, ICID is initiating a scheme to recognize such Heritage Irrigation Structures and draw lessons with the objective to disseminate them. This edition contains the call for nominations of such structures from all the National Committees.

This week we are starting despatch of the Integrated Summary Report of the First World Irrigation Forum held in October last year. Please acknowledge, once you receive it. As always, we are keen in the Central Office to receive your feedback on our services.

With Best wishes,

Best regards,

Avinash C. Tyagi
Secretary General

Countdown Begins for Nominations

Heritage Irrigation Structure

Nomination are invited from ICID National Committee for selection of historical irrigation structures, older than 100 years, as "Heritage Irrigation Structures" (HIS). National Committee can nominate more than one structure, using separate nomination form for each. The last date for receipt of nomination to the Central Office is **15 July 2014**.

First batch of Heritage Irrigation Structures will be included in the ICID List of World Irrigation structures and awarded a "Plaque", for display at HIS, during the 65th IEC meeting on 21st Sept. 2014 in Gwangju, Republic

of Korea. For more information about criterion for selection of the historical irrigation structures is available at http://www.icid.org/his_award.html.

At the 63rd IEC meeting held at Adelaide, President Gao Zhanyi suggested that a process for recognition of the historical irrigation structures on the lines of World Heritage Sites as recognized by UNESCO initiated. Accordingly, a Task Team was set up to work out on the objectives, guidelines and procedures to select the historical irrigation structures.

Best Performing Workbody Award 2014

Nominations are invited from the Chairs / ICID Workbodies for the the 4th BPWA-4 Award latest by **01 May 2014**. For more details, please visit http://www.icid.org/awards_wb.html

WatSave Awards 2014

Nominations for the 'WatSave Awards 2014'. The deadlines for the receipt of the entries from the National Committees, along with a completed 'Nomination Form', to the ICID Central Office latest by **31st May 2014**. The nominations sent directly to the ICID will not be entertained. National Committees are urged to give wide publicity to these awards in their country among persons actively engaged in water savings/conservation practices, particularly farming communities. Please visit http://www.icid.org/awards_ws.html for more details.

Invitation – 12th International Drainage Workshop (12 IDW)



It is my great pleasure to invite you to join us in St. Petersburg, Russia from 23 to 26 June 2014 for the 12th International Drainage Workshop (12 IDW) of ICID.

The main theme of the workshop is 'Drainage on Waterlogged Agricultural Areas'.

Agriculture drainage is part of the integrated water and land resources management approach, to ensure sustainable productivity of both water and land. Drainage problems are serious on about 100 to 110 million hectares of irrigated land located in the world's semi-arid and arid zones. Drainage is also required in many rainfed areas of humid and sub-humid regions. Proper drainage also allows crop diversification and intensification, the growth of high-yield and high-value varieties, and effective use of inputs such as fertilizers.

Drainage measures and technologies have always been improved and developed with the progress of technology and accumulation of experiences and knowledge. The focus of the 12th International Drainage Workshop of ICID is on exchanging the latest technical know-how and developments in the drainage sector.

Our Russian National Committee (RuCID) is working hard to prepare an exceptional International Drainage Workshop in St. Petersburg. Located in the eastern part of Europe and in the northern part of Asia, the Russian Federation is a large country. The flora and fauna of Russia have zonal distribution. During 1960s to 1980s, the land reclamation was given a leading role in agricultural development in Russia for its guaranteed contribution to sustainable food production in the country. St. Petersburg is the second largest city in Russia located on the banks of Neva River and is known as the cultural capital with rich culture and historic sites. The Historic Centre of St. Petersburg and Related Groups of Monuments constitute a UNESCO World Heritage site. St. Petersburg is also the home to The Hermitage, one of the largest art museums in the world. Therefore, there is much to see in Russia and St. Petersburg.

I can assure you that our colleagues at RuCID will once again do their best to ensure your safety and enjoyment of a wonderful workshop and study tour. I encourage you to attend this workshop and look forward to your participation in the 12th IDW in St. Petersburg in June 2014.

Yours truly,

Gao Zhanyi
President, ICID



Extension for Irrigation Water Management

The Southern African Regional Irrigation Association (SARIA) held its annual workshop and steering committee meeting from 25-27 February 2014 at the Roodevallei Hotel near Pretoria, South Africa. The main theme of the workshop 'Extension for irrigation water management' was discussed.

Dr. Conrade Zawe (Zimbabwe) and Mr. Winston Sataya (Malawi) were elected as Chairman and Vice-Chairman of SARIA during the Steering Committee meeting. The representatives from Angola, Botswana, Democratic Republic of Congo (DRC), Lesotho, Madagascar, Malawi, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zambia and Zimbabwe participated in the meeting. Only Mauritius and Seychelles were not represented. Currently, SARIA has five active ICID national committees (Malawi, South Africa, Tanzania, Zambia and Zimbabwe) and hopefully Madagascar will join the network soon. Vice President Dr. G.R. Backeberg actively contributed and participated in the meeting and briefed about the ICID activities. He also emphasized the need of the active member countries of ICID to consider nominating a candidate for Vice President of ICID to be elected at 65th IEC meeting, September 2014, Korea.

During the meeting, it was also proposed that Tanzania/ Zimbabwe would apply for hosting the 4th African Regional Conference (AfRC). In this regard, a Sub-Committee was also established, consisting of Dr. Conrade Zawe (Zimbabwe), Mr. Winston Sataya (Malawi) and Dr. Sylvester Mpandeli (South Africa).

The second workshop on Capacity building in a series of four workshops was held this year on the topic 'Extension for irrigation water management'. As a major challenge for all SARIA members, it was agreed that the training resource material will be used as a basis for organizing further courses in the respective member countries. For more information, please contact Dr. Conrade Zawe, Chairman of SARIA, <E-mail: conradezawe@yahoo.com>

Drainage on Waterlogged Agricultural Areas

The main theme of the workshop is 'Drainage on Waterlogged Agricultural Areas' and has seven sub-topics i.e. (a) New equipment and modern technology drainage construction in wetlands; (b) Efficiency of the use of reclaimed land and socio-economic aspects of the use of reclaimed land; (c) Drainage design and methods of calculating; (d) Advanced training of specialists: constructors and engineers in the field of drainage systems management and operation; (e) An integrated approach to the management of drainage and environmental protection; (f) Using reclaimed land for agricultural purposes; and (g) History of the drainage system development. The last date of submission of Full Length Papers is 1st May 2014.

Early Bird Registration

Hurry! Save Money!! Register Now!!!

The 'Early Bird' online registration has been opened for the 12th International Drainage Workshop till 1st May 2014. The early bird registration charges are– (i) EUR 550 (Foreign participant); EUR 330 (Young Professionals*); EUR 250 (Accompany person). For Non-Member Countries: (i) EUR 600 for Participant-observer; EUR

300 (Young Professionals); EUR 250 (Accompany person). For Non-Member Countries: (i) EUR 600 for Participant-observer; EUR 300 (Young Professionals); EUR 250 (Accompany person). For more information about the registration fees is available at <http://onlinereg.ru/site.php?go=225&page=4670&lang=ENG>. All the participants are requested to make use of this opportunity by online registration, which is now available at http://reg.onlinereg.ru/registration/info?t_conf=305. Ten Young Professionals from developing countries will be fully exempted from registration fee.

Preliminary Program

A Preliminary Program of 12th International Drainage Workshop (IDW) is now available at <http://www.onlinereg.ru/IDW12/progeng.pdf>.

Contact: Ms. Irena G. Bondarik, Secretary General, National Committee of the Russian Federation on Irrigation and Drainage (RUCID), Tel/Fax: +7 095 153 94 06, E-mail: rusiptrid@mail.ru; IDW12@onlinereg.ru/idw12. Details regarding registration form, submission of abstracts, hotel reservation and accommodation and Visa form is available at <http://onlinereg.ru/idw12>.



22nd ICID Congress & 65th IEC Meeting

14-20 Sept. 2014, Gwangju Metropolitan City, South Korea

The 22nd International Congress on Irrigation and Drainage and 65th International Executive Council meetings will be held during 14-20 September 2014 at Kimdaejung Convention Centre in Gwangju Metropolitan City, Republic of Korea. You all are encouraged to join the mega event and contribute to the theme of the Congress which is “**Securing Water for Food and Rural Community under Climate Change**”. The challenges are huge and therefore we all have to pull our resources and come together at Korea to find solutions to the two questions raised in the Congress.

Abstracts/ Papers

The General Reporters (GRs), Panel Experts (PEs) and Reviewers have done a commendable job by selecting relevant papers to be discussed at the Congress. Our gratitude to all of them. Now it is the authors who have to come forward and submit their paper/posters by 30 April 2014 appropriately addressing the two questions for possible answers. It may be mentioned that for various Congress sessions, about 348 ‘Extended Abstracts’ were received online at EssayChair portal representing about 37 countries around the world and the authors have already been informed of the acceptance (or otherwise) of the abstracts for full papers/posters. An ‘Abstract Volume’ will be published two months before the Congress and will be made available for distribution to each registered delegate. ICID in cooperation with KCID will be preparing USBs, containing full-length papers of all the events associated with 22nd Congress, for distribution to delegates.

‘Early Bird’ Online Registration

Hurry! Save Money!! Register Now!!! We encourage you to register now to secure your seat. The ‘Early Bird’ online registration is open for the 22nd ICID Congress and 65th IEC and its pre-council meetings scheduled to be held during 14-20 September 2014 at Kimdaejung Convention Centre in Gwangju Metropolitan City, Republic of Korea.

The ‘Early Bird’ online registration fees (on or before 30 June 2014) for the participants are - (i) USD 800 (Congress + IEC Council meetings); and (ii) USD 650 for Congress only; Young Professionals (i) USD 400 (Congress + IEC Council Meeting); (ii) USD 325 for Congress only; Retired professionals: USD 400; Non-Member Countries: USD900; Exhibition:

USD 250; One-day Registration: USD 200; and Accompanying person: USD 300. The online registration is available at <https://www.icid2014.org/signup/login.asp?pLn=&reUrl=%2Fregistration%2Freg%2Easp%3FMenu%3Dreg2>.

The ‘Round Table’ Meeting

In parallel a Round Table meeting on “Irrigated agriculture and development in developing countries” is being organized by the host National Committee. The purpose of the round table meeting is to provide developing countries with opportunities to discuss food security issues and to share their own experiences to overcome the challenge of food insecurity. In addition, it will be a chance to share knowledge and experience on better agricultural practices and technologies in close cooperation and networking with other international organizations. Some of the non-member developing countries are being specially being invited to the round table and being supported to participate.

Round Table 1 on ‘Governance all rural development in developing countries’ will be held on 14 September 2014 with a keynote speech by the Chair and a background paper presentation by invited speaker. Round Table 2 and 3 will be held on 16 September 2014 in parallel sessions where five invited country presentations will be made in each roundtable.

Please access http://www.icid2014.org/congress/images/menu_7_2.gif for the program of the round table meeting during the Congress.

Side Events

The ‘Side Event’ will be held on 16th and 18th September 2014 during the 22nd Congress. Side events are an opportunity for individuals or groups to bring together a range of stakeholders to focus on one’s own specific area of interest in the format of their choice. Proposals for side events, such as symposium, workshops, panel discussion, film show, training or others, are invited for the 22nd ICID Congress. The deadline to submit ‘Side Event’ proposals has been extended to 31st May 2014.

Please access http://www.icid2014.org/congress/images/menu_8_2.gif for more information and download Side Event application form from http://www.icid2014.org/congress/images/btn_spf.gif

Download the detailed information of the Preliminary Program; Accommodation,

Study Tours, Accompanying person’s from the web http://www.icid2014.org/download/download.asp?fn=ICID2014-Final_Bulletin.pdf

National Committees’ Display

ICID events provide unique opportunity to member National Committees/Committee to display their activities and achievements, including salient features of their country’s water and land resources, etc. through posters, photographs, publications and CD-ROMs. A space (board size is 2.0m high and 1m wide accommodating the poster size of 1.2 high and 0.8m wide with basic support facilities, including limited furniture and electric connections will be allocated free-of-charge on ‘first come first serve basis’. The display/exhibition is visited by a large number of participating delegates and found to be helpful in dissemination and sharing of valuable information about National Committees/Countries’ landmarks and latest achievements in the field of water resources development, irrigation, drainage and flood management. Display of National Committees’ activities on the occasion of the 22nd ICID Congress and 65th IEC meeting will be facilitated by Korean National Committee of ICID (KCID).

The NCs have been informed of the opportunity and requested to participate in the display/exhibition following the guidelines for National Committee’s display and specifications with regard to Information on wall space for Poster Presentation by the host National Committee. Please feel free to contact us at icid@icid.org.org, latest by 31st May 2014 for securing space for your NC. ICID in turn will secure space for you at the Kimdaejung Convention Centre.

Contact coordinates

22nd ICID Congress Secretariat: Dr. Young D. Kim and Mr. Hun Sun Lee, 2nd Floor BH B/D 902-5 Bangbae-Dong, Seocho-Gu, Seoul 137-060, Republic of Korea. Tel.: +82-2-6288-6300, Fax: +82-2-6288-6399, E-mail: icid2014@icid2014.org and Website: <http://www.icid2014.org>

Congress Coordinator: Dr. Vijay K. Labhsetwar, Director, International Commission on Irrigation and Drainage (ICID), Central Office: 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India. Tel: +91 11 26115679, +91 11 26116837, +9111 24679532, Fax: +91 11 26115962; E-mail: icid@icid.org, Website <<http://www.icid.org>>

News from ICID National Committees

IACID (Australia)

Water for Life, Future for All

The 2014 Irrigation Australia Conference and Exhibition will be held on 2-6 June 2014 at the Gold Coast Convention and Exhibition Centre at Australia. The main theme of the Conference is "Water for Life, Future for All" and will look at the future of irrigation covering such issues as: Sustainable Water Resources for Agriculture, Climate and Cloud based Irrigation Scheduling and Control, alternative Sources of Water for Urban irrigation, Micro Irrigation, Water Regulation and Water Management and Efficiency, Industry Standards and Codes of Practices, Training and Certification – analyzing the impact of issues on both rural and urban communities. The conference and exhibition will bring irrigation suppliers, equipment manufacturers, researchers, water supply organizations, advisors, government officials and policy makers from across the rural and urban irrigation industries.

For more information, please access Conference website <http://irrigationaustralia.com.au/>

[Early Bird Registration extended to 18th April!!!]

CANCID (Canada)

World Farmers Organization

The World Farmers Organization (WFO) General Assembly 2014 was successfully held on 25-29 March 2014 at 'la Rural' Convention Centre, Buenos Aires, Argentina. The mandate of the WFO is to bring together farmers organizations and agricultural cooperatives from all over the world, represented the global farmers community: nano, small, medium and large scale farmers. The main theme of the Conference was 'Food Security, Value chain, Innovation, Climate Change, Women and Youth'. Mr. Laurie Tollefson (Canada), Vice President of ICID participated in a very useful session at the WFO and made a presentation in the opening thematic workshop on 'Climatic Service on Water Savings and Techniques'. The session was entitled 'More Crop per Drop'. The session was sponsored by the WFO, the World Meteorological Organization, The Global Research Alliance and the Netherlands Water Partnership. The session was designed to improve resilience of farmers by linking meteorological information, knowledge of water and knowledge of agriculture. It was an integrated session where experts shared their experiences from different perspectives and parts of the world. It was intended to assist farmers

with the challenges that they face. How do you cope with increasing extreme weather events? How can a farmer adapt to drought and flooding? The impact of climate change on agriculture is clear but what is the adaptation strategy? What do farmers need from research, government or other stakeholders? How could climate services help mitigate the impacts of climate change? It was indeed a very good session of information exchange.

ENCID (Egypt)

The new contact details of Dr. (Mrs.) Shaden Abdel-Gawad, Professor and Former President, National Water Research Centre, Cairo, Egypt (Member, ICID Working Group on Environment (WG-ENV)) - E-mail: shaden.gawad@gmail.com, Telephone: +202 4446 7501.

AFEID (France)

The International Conference on "Water and Energy Interactions: Strategic challenges to territorial development and their impacts on food and health" will be held from 29-30 October 2014 in Lyon, France. VPH Sansuki Ota is a member of the Scientific Committee of the conference. The last date for submission of the abstracts for the conference is **30 April 2014**. National Committees may like to submit papers for the conference. For more information, please visit: <http://www.preserving-the-flow.com/>.

INACID (Indonesia)

2014 INACID Seminar

The Indonesian National Committee of ICID (INACID) will organize a Seminar during 16-18 May 2014 at Palembang, Indonesia. The theme of the Seminar is 'Sustainable Lowland Irrigation Management and Strategies for Supporting National Food Security in Climate Change Adaptation'. The seminar will bring together the public and private sector, and the academe to take critical issues on irrigation, drainage, agriculture and climate change. The focus areas of the seminar are – (1) Enhance/ Improve the role of science and technology in the irrigation management and lowland development; (2) Disseminate research undertaken by the academe and other institutions on irrigation and lowland management to all stakeholders; and (3) Provide a forum to discuss alternative solutions to problems affecting (a) water resources management, (b) change in land quality, (c) management of lowland irrigation, and (d) global climate change. The Keynote Speakers of the seminar are – (a) PH Prof. Bart Schultz, (UNESCO-IHE), The Netherlands; (2) Dr. Akihiko Hirayama (Shimi-zu Corporation) - Japan; (3) Prof. Dr. Robiyanto Hendro Susanto (UNSRI) -

Indonesia; and (4) Prof. Dr. Mohd Amin Bin Mohd Soom (MANCID) – Malaysia. Vice President Dr. Basuki Hadimoeljono invited the NCs of Malaysia, Thailand, Philippines and H.E. Dr. Dao Trong Tu (Vietnam); H.E. Vila-yvanh Phomkhe (Lao People's Democratic Republic); H.E. Lim Kean Hor (Guinea); and H.E. Gastão Francisco de Souza (Timor-Leste) for attending the seminar.

Contact: Dr. Basuki Hadimoeljono, Vice President of ICID, Director General, Spatial Planning and Development, Ministry of Public Works, Secretariat INACID (KNI-ICID), Indonesia. Tel: +62-21-7230318; Mobile: +62-0816902145; Fax: +62-21-7230317, E-mail: basuki_pu@yahoo.com

INCSW (India)

The new e-mail address of Dr. T.B.S. Rajput, Principal Scientist of Water Technology Centre (WTC), Indian Agricultural Research Institute, New Delhi (Member of ICID Working Group on Water Management in Water Stressed Regions, WG-DROUGHT) is [<tbsraj@yahoo.com>](mailto:tbsraj@yahoo.com)

NETHCID (The Netherlands)

Training Course: Multilevel Water Governance

A training course on 'Multilevel Water Governance' will be held on 30 June - 11 July 2014 at The Hague, together with the Water Governance Centre and addresses the key challenges for integrated, multilevel water governance. Five key building blocks for sound water governance will be discussed i.e. (a) a powerful administrative organization of water management; (b) a legally embedded system of water law; (c) an adequate financing system and economic analyses of water measures; (d) a systematic (planning) approach; and (e) the participation of stakeholders. Please access <http://thehagueacademy.com/blog/2013/07/multilevel-water-governance/> for more information.

The Netherlands is a global pioneer in water management with a long history of containing flood risks and reclaiming land from the sea. It will need to adapt its water governance policies to meet the looming challenges of shifting demographics, regional development and climate change as per the report titled 'Water Governance in the Netherlands: Fit for the Future?' was launched in the Hague. Please download the report at <http://www.oecd.org/gov/regional-policy/water-governance-netherlands.htm> for more information.

Adapting Irrigation for Green Economic Growth

The Alterra Team on Climate Change and Adaptive Land and Water Management was organized an Interactive Workshop titled

'Adapting Irrigation for Green Economic Growth' on the occasion of the retirement of Ir. Koen Roest, a senior scientist at Alterra Wageningen UR. In the workshop over a hundred participants were attended and the audience was challenged by two speakers from the pri-ate sector - two from Alterra and two professors from irrigation sector. All speakers ended their presentation with a set of three statements. These statements were discussed and voted upon in an interactive plenary session. The results of the voting showed a widely shared criticism of the public irrigation sector to achieve food security and economic growth. This was also the topic of Koen Roest's address, in which he advocated public-private partnerships for stimulating a process of co-innovation and co-development for Green Economic Growth. More information about the workshop, please access at <http://www.wageningenur.nl/en/newsarticle/workshopreportretirementkoenroest.htm>

PANCIID (Pakistan)

In March 2014, 'Pakistan Water Summit' convened by the Planning Commission, in collaboration with Ministry of Water and Power, Asian Development Bank (ADB), Pakistan Water Partnership (PWP), LEAD Pakistan and other partners during World Water Day 2014 celebrated at Islamabad, Pakistan. The inaugural session of World Water Day 2014 was chaired by Prof. Ahsan, Federal Minister for Planning, Development and Reforms, Government of Pakistan and H.E. Mr. Sikandar Hayat Bosan, Federal Minister for Food Security and Agriculture; Mr. Riaz Pirzada, Federal Minister for Interprovincial Coordination; Mr. Syed Tariq Fatemi, Special Assistant to the Prime Minister; Mr. Hasan Nawaz Tarar, Federal Secretary, Planning and Development; Dr. Arun B. Shrestha of ICI-MOD Nepal; Dr. Stephen Davies of IFPRI Pakistan and Dr. Donnath Walton of Asian Development Bank (ADB) and Mr. Sardar Muhammad Tariq, Executive Director/CEO, Pakistan Water Partnership (PWP).

In his welcome speech Mr. Hasan Nawaz Tarar addressed water issues which need immediate attention to meet rising water requirement of Pakistan. Mr. Syed Tariq Fatemi emphasized on the judicious use of water for national betterment and improvement in the livelihood of the poor and policies & actions intended to be implemented in water sector. The importance of water for agriculture and food security of the nation was also emphasized. The issues related to water availability, groundwater, impact of climate on water availability, Pakistan's dependence on single basin, productivity, water/sediment/salt system

of the Indus Basin, O&M operations were thoroughly discussed.

The participants divided into seven parallel sessions where 14 topics were discussed and outcome of each session was noted by the session facilitator for onward compilations of recommendations for the government to implement.

TUCID (Turkey)

3rd Istanbul International Water Forum, Istanbul, Turkey

The 3rd Istanbul International Water Forum will be held on 27-29 May 2014 at Haliç Congress Center, Istanbul, Turkey by the Turkish Water Institute (SUEN) of the Ministry of Forestry and Water Affairs of Turkey. Eight thematic sessions under the main themes: 'Water Security' (S.1: Adaptability of Water Governance at Different Levels and Regional Contexts; (S.2 : Water-Food-Energy-Ecology Nexus: How to Achieve Interconnected Action; S.3: Shift from Resource Management to Urban Water Management : A New Paradigm; and S.4: Climate: What has changed?) and 'Legal Aspects of Water' (Session L.1 : Legal Aspects on Protection of Water Resources; Session L.2 : Transboundary Water and Cooperation; Session L.3: National Water Legislation a Comparative Perspective; and Session L.4: Right to Water and Sanitation). The Forum will welcome water professionals, academics, scientists, governmental institutions, international organizations and firms will present their activities, services and products.

ICID, under the leadership Vice President Dr. Hüseyin GÜNDOĞDU will be organizing a side event at the Forum. For more information, please access the website <http://www.iusf.org.tr/>.

IWF/ICID.UK (United Kingdom)

Water and the Green Economy

The Irrigation and Water Forum (ICID.UK) and University of East Anglia (UEA) Water Security Research Group organized a Seminar titled 'The daunting challenges of canal irrigation reform for water productivity and food security' on 21st February 2014 at Institution of Civil Engineers (ICE), London.

The meeting explored the appropriate design and reform of canal irrigation systems and services under the guise of irrigation rehabilitation and modernization. The improvement of irrigation performance, underpinned by designs that offer better manageability was a vital part of the

anticipation that water and land productivity would have to raise over the next few decades to meet future food demands without having a default to pressurized irrigation systems such as sprinkler and drip. The recent publication 'Solutions for Sustainable Agriculture and Food Systems' prepared by the Sustainable Development Solutions Network failed to refer to the challenges and rewards of canal irrigation instead highlighting the popular but nonetheless risky solutions of micro-scale irrigation technologies.

In a brief opening session, Dr. Bruce Lankford, Chairman of IWF/ICID.UK and President Hon. John Hennessy introduced Prof. Hervé Plusquellec (FAO) as the Keynote Speaker. PH Hennessy's introduction was a microcosm and showing the immense intellectual and practical battles and debates held around irrigation in the last 40 years. Prof. Plusquellec gave a keynote presentation titled 'Improving performance of canal irrigation systems in developing countries is long-overdue: Hope or desperation?' His presentation was an excellent overview of the challenges, promises and policy options for global irrigation. Ms. Robina Wahaj (FAO) gave a fascinating summary of her recent work on 'Performance of irrigation management: Analysis from 60 irrigation systems in the world'. Her conclusions included the finding that productivity was extremely variable, and perhaps more surprisingly the presence and strength of water users associations do not influence irrigation performance. Her presentation and findings sparked an interesting debate about how to research performance, what factors help determine performance and what lessons could be inferred from research.

The presentations on 'Experiences of Irrigation Rehabilitation and Modernization in Vietnam' by Martin Donaldson, 'Directions and degrees for canal modernization: more or less? (with reference to Pakistan, Sudan and Armenia)' by Adrain Laycock (Members of IWF/ICID.UK) and 'Inconvenient truths: irrigation modernization in transition and lessons from the Western U.S.' by Beau Freeman (Germany) offered an important regional, country and scheme level analysis that grounded and explicated the global presentations of Prof. Plusquellec and Ms. Robina Wahaj (FAO).

Please access their website at <http://www.uea.ac.uk/watersecurity/events> for more information.

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

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