

# News Update

Also at <http://www.icid.org>

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)**

Managing Water for Sustainable Agriculture

June 2012



## *Towards a future we want...*

Dear Friends,

As these words hit your screen, the leaders of the world would be gathering in the beautiful city of Rio de Janeiro. Leaders from all walks of life: political leaders, scientists, researchers, planners, engineers, social scientists, economists, environmental engineers and activists. Their perspectives might differ but all would be trying to raise their voice to influence the path to the "Future we want". Rio+20 is a conference on implementation. And all stakeholders will have to commit to work for the future we want.

The year, following adoption of Agenda at the Earth Summit (UNCED), ICID at its Hague Congress 1993, decided to establish Global Water Conservation Program. By the time we gather in Adelaide in a weeks' time, the outcome of Rio+20 would be known. We, at IEC would have to formulate a strategy as to how ICID would make its contribution to achieve the targets that would constitute the future we want.

ICID is extremely happy to note that 2012 World Food Prize has been awarded for conceiving and implementing a radically new mode of bringing water to crops in arid and dry land regions - known as "micro-irrigation". We congratulate Dr. Daniel Hillel from Israel whose pioneer work has been taken forward by ICID through its Global Water Conservation Program that also instituted the WatSave awards and many other



activities to achieve the objective of 'more crop per drop'.

ICID and ICOLD have over the years drawn the attention of the world on the crucial role that Storages play in meeting the water, food and energy challenge in a sustainable way. At the 24th ICOLD Congress in Kyoto early this month, ICID, and ICOLD together with International Hydropower Association and International Water Resources Association have issued a World Declaration on "Water Storages for sustainable development" to reiterate this crucial point when the world is busy looking for green solutions for our development imperatives. We are extremely happy to note that Mr. Adama Nambéré from Burkina Faso has been elected as the president of ICOLD for the next three years. Our hearty congratulations.

I am sure by now you all have made preparations to travel to Adelaide. We have many crucial decisions to make that will go a long way to support the outcomes of Rio+20 in their own way. Let me remind you that with your support we together are going to make this IEC environment friendly by using as little paper as we can. Your laptops, note books and iPads would be very handy in meeting this objective.

And finally, it gives me a great pleasure in welcoming the National Committee of Chad to ICID fraternity.

I look forward to see you in Adelaide.

Best Regards,

Avinash C. Tyagi  
Secretary General

## **Revitalizing Irrigation and Agricultural Water Governance in Asia**



FAO Regional Office for Asia and the Pacific (FAO-RAP) hosted a Regional Inception Workshop on 'Revitalizing Irrigation and Agricultural Water Governance in Asia' during 4-5 April 2012 at Bangkok, Thailand. Representatives from FAO, GWP, ICID, IRRI, ESCAP, IUCN, ADB, WORLD BANK, AusAid, China, India, Indonesia, Malaysia, Pakistan, Uzbekistan Thailand, Vietnam attended the workshop. Mr. Hiroyuki Konuma, Assistant Director-General and Regional Representative for Asia and the Pacific, FAO delivered 'Welcome Address'. Mr. Thierry Facon, Senior Water Management Officer, FAO-RAP, made a presentation on the proposed initiative on 'Revitalizing Irrigation and Agricultural Water Governance in Asia'.

Irrigated agriculture is essential to the achievement of human development while conserving the environment in the Asia Pacific. The environmental targets simply will not be met unless the sector departs from a 'business-as-usual' approach and adapts innovative, forward-looking and effective strategies. FAO and IWMI decided to launch an ambitious initiative to flag and address this at the 1st Asia Pacific Water Summit, building on

previous experience and the findings of the Comprehensive Assessment on Water and Food, to enable actors in the region at all levels to take effective actions. Asia's heavy reliance on irrigation to maintain levels of food production with a rapidly growing population, fast expansion of water scarce areas, erratic food prices and an increasingly unpredictable climate means that a serious and sustained revitalization of Asia's irrigation and water governance is essential, if we are to meet social, environmental and economic development targets. The Initiative launched aims to build the capacity of the agriculture sector in the Asia Pacific region so that it can move towards greater food security, poverty alleviation, environmental sustainability and climate change readiness.

The conclusions from the recent FAO Regional Conference for Asia and the Pacific were very closely linked to the issues and challenges addressed by this Initiative. The conclusions included improving water management, coping with land and water scarcity, sustainable intensification of agriculture and an emphasis on FAO working in partnership with regional organization.

Prof. Gao Zhanyi, President ICID, made a presentation on 'Regional Strategies and Priorities for Irrigation and Agricultural Water Governance' and also made closing remark during 'Closing Ceremony'. The workshop concluded that it is important to revitalize irrigation and agricultural water governance in Asia. Leadership, innovation and significance; networking country initiatives, and linking regional components and country/basin initiatives were discussed in detail for revitalizing irrigation in Asia. Strategies for promotion and for resource mobilization, roadmap and future steps were also discussed.

### **Celebrating 63rd Foundation Day of ICID**

International Commission on Irrigation and Drainage (ICID) will be celebrating its 63rd Foundation Day on 24 June 2012. Incidentally, ICID Day is falling during the period when most of ICID members will be gathering at Adelaide (Australia) on 24 June. It is a matter of great pride for ICID fraternity spread across the globe to observe the '63rd ICID Foundation Day'. It gives us the opportunity to re-dedicate ourselves to the mission of ICID. All National Committees / Committee are encouraged to commemorate this special day and are requested to nominate one/

two representatives of their national committee to participate in the function at Adelaide Convention Centre, Room No. 10 on Sunday, 24 June 2012 at 18:30 hours.

Those NCs/members not joining Adelaide meetings are encouraged to celebrate the 63rd Foundation Day of ICID by organizing variety of events like scientific / professional meetings, brainstorming sessions, essay and drawing competitions to create awareness about the global / regional / local level water and food related, etc. in the member country. Please do send a brief on the event to Central Office for its coverage in the forthcoming News Update.

### **14th NETHCID Symposium, The Netherlands**

The 14th NETHCID Symposium on 'Land and Water Development in a rapidly changing setting' was held on 8 May 2012 at UNESCO-IHE, Delft, The Netherlands. The symposium was organized in the honour of President Hon. Prof. Bart Schultz who retired from UNESCO-IHE and Prof. Charlotte de Fraiture who has become his successor. Prof. Schultz delivered a Valedictory Address on 'Finding the balance between decision making, implementation, management and sustainability'. On the occasion, Prof. Charlotte de Fraiture delivered the Inaugural Address on 'Water and Food Security in an insecure world'. Both of these addresses can be accessed at <<http://collateral.unesco-ihe.org/UNESCO-IHE/21/magazine.php?spread=0>> and <<http://collateral.unesco-ihe.org/UNESCO-IHE/22/magazine.php?spread=0>>, respectively.

### **Chad – The newest member of ICID**

At the 54th International Council (IEC) meeting held in Montpellier, France in 2003, the membership of Chad National Committee on Irrigation and Drainage (AT-ID) was accepted and later a Special Work Team on Lake Chad Basin (ST-LCB) established in 2005. But regrettably contributions had been weak from basin countries. But we are now delighted to announce that the Chad National Committee (AT-ID) has paid its first subscription and has become active with effect from 1st January 2012.

We take great pleasure in welcoming Chad as an esteemed new member of ICID family. Our warmest felicitations

### **Reducing the carbon footprint of Adelaide meetings**

The Agenda of 63rd International Executive Council (IEC) and various Workbody Meetings to be held from 24-29 June 2012 at Adelaide, Australia, have been uploaded (23 May 2012) on ICID website at <<http://www.icid.org/agenda.html>> for information and use.

Please download the annotated Agenda for various meetings and use the electronic copy during the meetings. The report of the Chairs of the Working Groups and the Permanent Committees has also been made available electronically for sharing them during the meeting via the 'Dropbox'. Separate invitations have been sent to the concerned for sharing specific folders via the 'Dropbox'.

and heartily congratulations to members of the Chad National Committee. With the joining of Chad, we look forward to renewed efforts in broad basing the NCs in each of the Lake Chad Basin countries. The contact coordinates of Chad National Committee are –

Mr. Tchouadan Kadjonga, Président de l'Association Tchadienne pour l'Irrigation et le Drainage (ATID), General Director of Irrigation, Republic of Chad, N'djamena, Tchad; E-mail : [kadjonga@yahoo.fr](mailto:kadjonga@yahoo.fr)

Hearty welcome to Chad National Committee!

### **Instant access to material for '63rd IEC Adelaide' meetings**

The Agenda for all the meetings of 63rd IEC can be directly accessed from our website <<http://www.icid.org/agenda.html>>. Supplementary Agenda is also available now.

In addition, the ICID Central Office has opened "Dropbox" account for 63rd IEC and to share files required to be referred to by the Chairs/Vice Chairs/Secretaries of the respective Workbodies (WBs) and Task Forces (TFs). The Chairs of WBs /TFs are required to submit their reports/minutes immediately after the meetings. In order to facilitate the process at the Adelaide meetings and provide instant access to all the meeting related information, ICID Central Office has created a Dropbox account named '63rd IEC Adelaide'.

The files listed in 'Summary Report of WGs' sub-folder are password protected. Members can open their files by using: the passwords provided to them. Members can edit these files and it will be available to the Chair of PCTA and the CO Staff instantly. Central Office has informed the Chairs, Vice-Chairs and Secretaries of the ICID Workbodies and Task Forces to join the Dropbox portal and make use of this facility.

Members can connect to their account directly from <http://www.dropbox.com> by using any Internet browser.

Please contact Madhu at [madhu@icid.org](mailto:madhu@icid.org) for clarifications, if any.

### Climate Change 'Biggest Threat' to Food Security

When it comes to expressing the threat to food security posed by changing climate patterns and extreme weather events in Asia and the Pacific, the Asian Development Bank (ADB) does not mince its words. "The greatest threat to food security is climate change," the Bank said in a 45-page report, 'Food Security and Poverty in Asia and the Pacific: Key Challenges and Policy Issues', released in May 2012. The report's findings ring especially true in Sri Lanka, where

#### World Water Week 26-31 August 2012

2012 World Water Week in Stockholm is now open for early bird discounted registration!

The theme for 2012 is "Water and Food Security" with a special focus on Trans-boundary Waters. The week will cover issues such as drinking water supply and sanitation, trans-boundary water management, climate change, finance and the water-food-energy nexus. Online registration for the 2012 World Water Week will commence on 30 June 2012.

ICID together with SIWI and FAO is organizing a one day workshop on 'Best use of blue water resources for food security' ([http://www.worldwaterweek.org/sa/node.asp?node=1346&sa\\_content\\_url=%2Fplugins%2FEventFinder%2Fevent%2Easp&id=5&event=477](http://www.worldwaterweek.org/sa/node.asp?node=1346&sa_content_url=%2Fplugins%2FEventFinder%2Fevent%2Easp&id=5&event=477)) on 28th August 2012. President Hon. Chandra will be one of the keynote speaker with President Gao taking part in the panel discussion. To view the programme and to register, please visit <http://www.worldwaterweek.org/sa/node.asp?node=479>

#### Water Storage for Sustainable Development World declaration By ICOLD, ICID, IHA, IWRA

- Water is life and water storage infrastructure is an indispensable tool for society.
- Investment in water storage infrastructure is investment in the green economy.
- The services they provide will be crucial in the mitigation of, and adaptation to climate change.
- To meet growing demands for water, food and energy, it is time to develop solutions for better use of water resources, especially for developing countries, and to match political commitments with action.
- A balanced approach, combining large, medium and small reservoirs, is required; one that takes into account sustainable development, with full commitment to minimize negative impact.
- The organizations signing this declaration commit to collaborate with all partners' and stakeholders that share this common vision.

experts are increasingly expressing concerns about the twin crises of food security and global warming. The ADB study looked at areas that could affect food security, such as trade policies, development, the demand for food and resource management and possible mitigation efforts.

It was reported that the issues of climate change and food security in Sri Lanka are becoming alarming as changing climate patterns combined with a lack of proper policies to mitigate adverse impact have put the South Asian island in a precarious position. Though Sri Lanka is yet to experience protracted and deadly food shortages due to changing weather patterns, recent experiences have shown that its vital rice harvest does fluctuate wildly depending on rainfall.

"One of the biggest problems with Sri Lankan agriculture is the lack of water management," observed Mudalihamige Rathnayake, head of the Department of Geography at the southern Ruhunu University. Please visit at <http://www.trust.org/alertnet/news/climate-change-biggest-threat-to-food-security> for more information. The Sri Lanka National Committee of ICID (SLNICID), though deemed inactive at the moment, has been significantly contributing to the cause of food security in the country.

#### New Additions to ICID's TDS Database (May 2012)

The additions during the months to the TDS Database are:

##### Article Section – 40 additions (Articles / Papers)

- (i) Journal of Indian Water Resources Society, July-October 2011, Vol. 31, Nos. 3-4 (5 articles)

- (ii) Lakes & Reservoirs – Research and Management, March 2012, Vol. 17, No. 1 (4 articles)
- (iii) California Agriculture, April–June 2012, Vol. 66, No. 2 (2 articles)
- (iv) International Water Power & Dam Construction, February 2012, Vol. 64, No. 2 (1 article); and March 2012, Vol. 64, No. 3 (1 article)
- (v) Indian Journal of Power & River Valley Development, January–February 2012, Vol. 62, Nos. 1 & 2 (1 article); and May–June 2011, Vol. 61, Nos. 5 & 6 (1 article)
- (vi) World Water, March/April 2012, Vol. 35, No. 2 (1 article)
- (vii) Proc. of the Institution of Civil Engineers – Water Management, April 2012, Vol. 165, No. WM4 (3 articles); and May 2012, Vol. 165, No. WM5 (5 articles)
- (viii) Proc. of the Institution of Civil Engineers, Special Issue, May 2012, Vol. 165, No. CE5 (1 article)
- (ix) Irrigation, Drainage and Rural Engineering Journal – The Japanese Society of Irrigation, Drainage and Rural Engineering, April 2012, Vol. 80, No. 2 (2 articles)
- (x) Water and Energy International, February 2012, Vol. 69, No. 2 (3 articles)
- (xi) Journal of Hydraulic Research, 2012, Vol. 50, No. 2 (3 articles)
- (xii) Hydropower & Dams, 2012, Vol. 19, No. 3 (7 articles)

**Book Section – 24 additions;** till date 32072 additions have been made to TDS database. The Text Delivery Service (TDS) has received three requests during the period from India. The Text Delivery Service (TDS) database can be accessed by visiting ICID website: [www.icid.org](http://www.icid.org).

## News from ICID National Committees

### CNCID (China)

The Chinese National Committee on Irrigation and Drainage (CNCID) has informed the new contact details as follows:

Mr. Gao Lihui, Executive Secretary, Chinese National Committee on Irrigation and Drainage (CNCID), China Institute of Water Resources and Hydropower Research (IWHR), A-1, Fuxing Road, Beijing, 100038, P.R.China; Tel: +86 10 6878 1193; Fax: +86 10 6878 1153; E-mail: 420639377@qq.com; gaoh@iwhr.com; cncid@iwhr.com,

### IRNCID (Iran)

The new E-mail address of Vice President Hon. Dr. Saeed Nairizi [(Chairman of Permanent Finance Committee of ICID (PFC)] is <s.nairizi@toossab.net>.

### RuCID (Russia)

Mr. Eugeniy An Lopukhov will be the Head / Chairman of the Russian National Committee on Irrigation and Drainage (RuCID) in place of Dr. Georgi Georgievich Guluyk. ICID fraternity extends its warm welcome to Mr. Lopukhov and expresses its thanks to Dr. Guluyk for his contributions to ICID. Mr. Lopukhov's contact details are:

Mr. Eugeniy An. Lopukhov, Head/Chairman, Russian National Committee on Irrigation and Drainage (RUCID), Director, Department on Land Reclamation, Ministry of Agriculture of the Russian Federation, Orlikov per., 11/1 Moscow, 104139, Russia. Tel/Fax: +7 495 608-12-41; E-mail: ruscid@mail.ru, rusiptrid@mail.ru

New postal address of Vice President Hon. Dr. Georgi Georgievich Guluyk are:

Dr. Georgi Georgievich Guluyk, Vice President Hon., ICID, Russian National Committee on Irrigation and Drainage (RUCID), Prof. and Head of Department on Land reclamation, All-Russian Scientific institute for agrochemistry, ul.Pryanishnikova, 31a 127550, Moscow, Russia, Tel/Fax: +7 (499) 976-47-07; E-mail: info@vniia-pr.ru, rusiptrid@mail.ru

### Irrigation Australia unveils diverse speaker line up for June 2012 conference in Adelaide

Featuring speakers from over 20 countries, this year's Irrigation Australia Conference will deliver attendees an unparalleled opportunity to learn about the hottest topics in irrigation – both domestically and internationally. Importantly, the organisers have developed the conference program with an outlook on issues that will affect businesses, and the industry, over the next 12 months as well as the challenges faced by a still developing sector. Running over four days, the IAL Conference will offer seminars on essential irrigation topics with key speakers from government, agriculture, and horticulture, as well as environmental and landscape industries. Commencing on 26 June, the Opening Keynote address of the Conference will be given by Hon Jay Weatherill, Premier of South Australia. Immediately following the Premier's address, Prof. Gao Zhanyi, ICID President will present his address to the conference with a focus on the role of irrigation in feeding the world.

Also not to be missed is the expansive Trade Show which will run alongside Irrigation Australia's 2012 Conference. Occupying more than 5000 square metres,

the Trade Show will feature companies such as irrigation equipment suppliers, importers, distributors and retailers, all showcasing their products and services to the irrigation industry.

Commenting on the Conference program, Ian Atkinson, CEO of Irrigation Australia, said: "For both international and domestic delegates the Conference program offers an excellent opportunity to hear from a diverse range of speakers on irrigation issues, as well as get up to speed with the latest developments in technology and management. Complemented by the biggest Trade Show in the southern hemisphere, we're anticipating a very successful and exciting event for everyone involved".

For more information, please visit the Conference website at <http://www.irrigation.org.au/2012>, and stay abreast via Facebook and Twitter. If you are not able to visit Adelaide either for the Trade Show or Conference then keep an eye on our website for some exciting new developments - [www.irrigation.org.au](http://www.irrigation.org.au)

## Forthcoming Events

### ICID Events

**The 63rd IEC Meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia.** Mr. Ian Atkinson (Australia), Chief Executive Officer, Irrigation Australia Limited (IAL), E-mail: IACID@irrigation.org.au, ian.atkinson@irrigation.org.au or SANE Events for Irrigation Australia Limited (IAL), E-mail: IAL2012@saneevent.com.au, Conference Website: [www.irrigation.org.au/2012](http://www.irrigation.org.au/2012).

**11th International Drainage Workshop (IDW), 23-27 September 2012, Cairo, Egypt.** Contact: Prof. Dr. Mohamed Hassan Amer, ENCID Chairman (Egypt), E-mail: encid@link.com.eg, ENCID website: and IDW website : <http://www.encid.org.eg/idw11>

**64th IEC Meeting and 8th Asian Regional Conference, 29 September - 5 October 2013, Mardin, Turkey.** Contact: Mrs. Serpil KOYLU, Turkish National Committee, ICID (TUCID), Delvet Mahallesi İnönü Bulvarı No. 16, 06100 Cankaya, Ankara, Turkey, Tel/Fax:+ 90 312 425 4614, E-mail : tucid@

[dsi.gov.tr](mailto:dsi.gov.tr), [serpil.koylu@dsi.gov.tr](mailto:serpil.koylu@dsi.gov.tr), Website: <http://www.icid2013.org>

**12th International Drainage Workshop (IDW), June 2014, St. Petersburg, Russia.** Contact: Ms. Irena G. Bondarik, Secretary General, National Committee of the Russian Federation on Irrigation and Drainage (RuCID), E-mail: [ibond@online.ru](mailto:ibond@online.ru), [rusiptrid@mail.ru](mailto:rusiptrid@mail.ru)

**22nd ICID Congress and 65th IEC, 14-20 September, 2014, at Gwangju Metropolitan City, Republic of Korea.** Contact: Ir. Hun Sun Lee, Korean National Committee on Irrigation and Drainage (KCID), E-mail: [kcidkr@gmail.com](mailto:kcidkr@gmail.com), [kcid@ekr.or.kr](mailto:kcid@ekr.or.kr), Website: <http://www.icid2014.org>

### Other Events

**Workshop on NAMAs: national mitigation planning and implementation in agriculture, 16-17 July 2012 at Rome, Italy.** More information is available at <<http://ccafs.cgiar.org/events/16/jul/2012/workshop-namas-national-mitigation-planning-and-implementation-agriculture>>

## INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

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## ICID Program at a glance – 23-28 June 2012, Adelaide, Australia

Time (Hours)	23 June (Sat)	24 June (Sun)	25 June (Mon)	26 June (Tue)	27 June (Wed)	28 June (Thu)	29 June (Fri)			
08.30-10.30		WG-DRG (Room 2) WG-ENV (Rooms 8-9) WG-TRUE (Room 10) C-PR&P (Room 11) AFRWG (Room 5)	WG-CAFM (Room 2) WG-YPF (Rooms 8-9) TF-FIN (Room 10) WG-CROP (Room 11) WG-IDSST (Room 5)	Asian Regional / Irrigation Australia Conference	Asian Regional / Irrigation Australia Conference	Asian Regional / Irrigation Australia Conference	Post conference tours			
11.00-12.30	SC	Seminar (WG-HIST) (Room 2)	Ws (WG-CAFM) (Room 2)					Ws (TF-FIN) (Room 2)	PCTA (Room 10)	IEC (Riverbank Rooms 1,2,3)
		WG-SDTA (Rooms 8-9)	ERWG (Rooms 8-9)					Ws(TF-BIO-ENERGY) (Rooms 8-9)		
		ASRWG (Room 10)	Ws (WG-PQW/ENV) (Room 10)					TF-SEDIMENTATION (Room 10)		
		TF-WWF6 (Room 11)	PFC (Room 11)					TF-VE (Room 11)		
		WG-CLIMATE (Room 5)	EB-JOUR (Room 5)	PCSO (Room 5)						
13.30-15.00	MT JOUR	Seminar (WG-HIST) (Room 2)	Ws (WG-CAFM) (Room 2)	Ws (TF-FIN) (Room 2)	PCTA (Room 10)	IEC (Riverbank Rooms 1,2,3)				
		WG-SDTA (Rooms 8-9)	ERWG (Rooms 8-9)	TF-BIO-ENERGY (Rooms 8-9)						
		ASRWG (Room 10)	Ws (WG-PQW/ENV) (Room 10)	MDG (Room 10)						
		TF-WWF6 (Room 11)	PFC (Room 11)	TF-VE (Room 11)						
		WG-CLIMATE (Room 5)	EB-JOUR (Room 5)	PCSO (Room 5)						
15.30-17.30	MB	WG-HIST (Room 2)	WG-MIS (Room 2)	Ws (TF-FIN) (Room 2)	OBC (Room10)	IEC (Riverbank Rooms 1,2,3)				
		WG-DROUGHT (Rooms 8-9)	AMRWG (Rooms 8-9)	WG-TRID (Rooms 8-9)						
		WG-WATS (Room 10)	Ws (WG-PQW/ENV) (Room 10)	Ws (WG-WATS) (Room 10)						
		C-CONGR (Room 11)	WG-PQW (Room 11)							
		WG-ON-FARM (Room 5)	WG-POVERTY (Room 5)	PCSO (Room 5)						
17.30-18.30				Trade Show / Exhibition	Trade Show / Exhibition	Trade Show / Exhibition				
18.15-19.15		NCs & VPs	NCs & OBC							
19.00-22.00		ICID Day at 18.45 hours (by invitation)		Korean reception (by invitation)	Turkish reception (by invitation)	Intl. Farewell Dinner (Hall F)				
<i>Tea break: 10.30-11.00 &amp; 15.00-15.30 Hours; Lunch break: 12.30-13.30 Hours</i>										

Contact: Dr. V.K. Labhsetwar, Director; International Commission on Irrigation and Drainage, New Delhi, India