Managing Water for Sustainable Agriculture

Dear Colleagues,

World Environment Day, celebrated every year on 5th June, focuses its attention on the positive environmental action for the development and betterment of humans and the ecological services they benefit from 2014 is the International Year for the Small Island Developing States (SIDS) and, as such, with global warming and consequent climate change, the small islands face the challenge of rising sea levels and other climate extremes. SIDS are already vulnerable to environment and climate disasters through extreme climate events. IPCC report, released earlier this year, has identified water and food security as the main issues of concern, particularly in SIDS.

With similar objectives in view the World Day to Combat Desertification on 17th June starts an yearlong effort to bring awareness to maintain bio-diversity "Land belongs to the future, let's climate proof it!”. ICID’s deliberations at the 22nd Congress are in line with these concerted international efforts through the slogan. Ecological services provided by nature for the livelihood and betterment of rural community can be maintained only if the development process preserves its environment and biodiversity. One of the biggest sources of pollution of rural environment resides in the use of chemicals in agriculture. Some of these issues are expected to be discussed at the Congress which addresses questions related to “Securing Water for Food and Rural Community under Climate Change” and through deliberations at the Symposium on “Non-point Source Pollution and Best Management Practices”.

KCID, the host National Committee for 22nd ICID Congress is making all out efforts to make the event a resounding success. Preparations for the Congress are in full swing. More than 200 papers are proposed to be discussed. It’s time for you to take an early decision and make use of the “Early bird registration” opportunity available till 30 June 2014.

Overwhelming interest has been shown by the Young Professionals in participating in the Congress and requests for ICID scholarships have been received. The successful candidates will be informed by the Central Office shortly. YPs attending the Congress will also be able to attend training workshops specially organized / designed for them.

RuCID the host National Committee of the 12th Irrigation Drainage Workshop, which is scheduled within less than a month from now, is also facilitating the participation of the Young Professionals to the workshop. During last few years the Commission’s activities in Latin American countries have been a little slow. To invigorate the regional activities, VP Laurie Tollefson and Central Office have been making efforts. In this connection CO with the help of VP Ragab Ragab organized a side meeting at the INOVAGRI meet in Fortaleza, Brazil. We are also hopeful that with the Mexican National Committee (MXCID) offering to host the 23rd ICID Congress in 2017 in Mexico, ICID will be able to re-vitalize its network into the communities across the world. In particular it will help collect information on historical irrigation structures from around the world, understand their significant achievements and gather knowledge about the unique features that have sustained the project for such a long period and to learn the philosophy and wisdom on sustainable irrigation from these structures. This will, in addition, help protect/preserve these historical irrigation structures.

The qualifying historical irrigation structures will be included in the ICID World List of Heritage Irrigation Structures and awarded a “Plaque”, for display at the structure, during ICID’s 65th International Executive Council (IEC) meeting on 21st September 2014 at Gwangju Metropolitan City, Republic of Korea. For more information about criterion for selection of the Heritage Irrigation Structures please access http://www.icid.org/his_award.html where the purpose, scope, criterion, the procedure for nominations, including a “Nomination Forum” are described and can be downloaded at http://www.icid.org/his_appendix_n_annexure.docx
The main theme of the 22nd ICID Congress is ‘Securing Water for Food and Rural Community under Climate Change’ and 65th International Executive Council (IEC) meetings will be organized by host Korean National Committee on Irrigation and Drainage (KCID) during 14-20 September 2014 at Kimdaejung Convention Centre in Gwangju Metropolitan City, Republic of Korea.

During the 22nd ICID Congress, about 200 papers / posters addressing two Questions i.e. Q. 58: How Irrigation and Drainage play an important role in Climate Change Adaptation?; Q. 59: How do Irrigation and Drainage Interventions secure food production and livelihood for rural community, will be discussed. In addition, a Special Session on “New Partnership for Rural Development” and a Symposium on “Non-point Sources Pollution (NPS) and Best Management Practices (BMPs)” will be organized.

More than 300 abstracts have been received and reviewed. The acceptance letters for full papers or posters have already been issued. The full papers/posters are being reviewed and edited. On request of many authors and National Committees, the deadline for submission of Full Length Papers/Posters has been extended to 21st May 2014. Considering difficulties in uploading full length paper with EasyChair, we are now accepting papers/poster at ICID’s e-mail: icid@icid.org

**Early Bird’ Online Registration**

The ‘Early Bird’ online registration is now open for the 22nd International Congress on Irrigation and Drainage and 65th International Executive Council (IEC) and its pre-council meetings. 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: USD 900; Exhibition: USD 250; One-day Registration: USD 200. For online registration go to <https://www.icid2014.org/registration/reg_1.asp?sMenu=reg1>.

22nd ICID Congress is providing a special opportunity to business-houses where they can promote their goods and services to approximately 1200 congress delegates. This will be the largest business event in that part of the world relating to agriculture, water, and the environment. This event will give an opportunity to showcase the newest skills and products simultaneously, and also allow information exchange among worldwide experts/professionals.

The highlights of the exhibition are – (a) meet various industry-leading products and service companies related with irrigation and drainage; (b) consult with industry experts; and (c) interact face-to-face with delegates and hundreds of other attendees. Please access http://www.icid2014.org/exhibition/exhi_2.asp?sMenu=exhi2 for more information about the exhibition overview, venue, exhibition hall layout, booth price etc.

**Accommodation**

The Organizing Committee of the 22nd ICID Congress offers various accommodation options nearby the venue with the discounted rates. In order to take advantage of such special rates, participants/delegates should make reservation through the Online Hotel Reservation. Rooms will be reserved on a first-come, first-served basis. The special discounted rates can be availed by making reservation through their website at http://www.icid2014.org/hotel/hotel_1.asp?sMenu=hot1. The Congress supported hotels are: (a) Holiday Inn Gwangju; (b) Ramada Plaza Gwangju; (c) Pardo Hotel; (d) Shinyang Park Hotel; (e) Mudeung Park Hotel; and (f) Firenze Tourist Hotel.

**Transportation**

Host City of Gwangju is well connected by airlines, high-speed trains (KTX) and express buses, with Seoul, Incheon, Busan and all other major cities, easily accessible within a day's trip. The capital city, Seoul, is 291 km away, and can be reached in one hour by plane, three hours by KTX, and four hours by express bus. The participants can choose one of the three ways to reach Gwangju. More information is at http://www.icid2014.org/general/general_6.asp?sMenu=gen6

**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, +91 11 24679532, Fax: +91 11 26115962; E-mail: icid@icid.org, Website <http://www.icid.org>
Drainage on Wetland Agricultural Areas

The ICID’s 12th International Drainage Workshop (12th IDW) is organized and hosted by the Ministry of Agriculture of the Russian Federation and the National Committee on Irrigation and Drainage (RuCID) in Saint Petersburg (Pushkin), Russia from 23-26 June 2014.

The main theme of the Workshop is “Drainage on Wetland Agricultural Areas” and has seven sub-themes i.e. (a) Advanced equipment and technologies for drainage construction on waterlogged land; (b) Socio-economic aspects of drainage construction on waterlogged land (legal acts and economic mechanisms); (c) Drainage designs and analysis methods; (d) Issues of training and skill development of designers, builders and drainage system control/operation engineers; (e) Integrated approach to drainage control issues and environmental protection; (f) Economic use of drained land; and (f) History of drainage systems.

12th IDW will provide a useful forum for discussions and information exchange in achieving the current objective of sustainable development of national agricultures and in tackling practical tasks with regard to Russian and international experience. Taking advantage of Russian and world experience in addressing the issues of irrigation and drainage is of critical importance to ensuring the nation’s food security.

Preliminary Program


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: rusprtrd@mail.ru; IDW12@onlinereg.ru/idw12. Details regarding registration form, hotel reservation and accommodation and Visa form is available at http://onlinereg.ru/idw12

Climate Services Users Forum for the Water Sector in South Asia

A ‘Climate Services User Forum for the Water Sector in South Asia’ was jointly organized by International Commission on Irrigation and Drainage (ICID) and World Meteorological Organization (WMO) in conjunction with the Fifth Session of South Asian Climate Outlook Forum (SASCOF-5) held from 23-25 April 2014 at Indian Institute of Tropical Meteorology (IITM), Pune, India and was also hosted by IITM.

Visit of Ms. Chitkala Zutshi, Member of MWRRA in the ICID Central Office

Ms. Chitkala Zutshi, Member of the Maharashtra Water Resources Regulatory Authority (MWRRA) visited ICID Central Office on 17 April 2014. Secretary General Avinash C. Tyagi welcomed her and briefed the ongoing activities of the ICID. Secretary General apprised her about the recent initiatives taken up by ICID like the First World Irrigation Forum, Knowledge management and about the forthcoming events of ICID. Dr. Vijay K. Labhsetwar encouraged the esteemed organization to join ICID as Direct Member (DM) and take advantage of ICID’s knowledge base.

During the discussion, Ms. Zutshi touched upon the role of MWRRA in the state of Maharashtra in India. The major areas of interest for MWRRA were: treatment of sewage water prior to channeling it for agriculture, types of crops grown with treated water and post-harvest treatment of the product, associated health hazards, legal framework etc.

The water managers from irrigation departments of the South Asian countries were invited to participate in the Forum. Global Water Partnership also sponsored its country representatives. More than 40 participants from Bangladesh, Bhutan, Nepal, Maldives, Myanmar and Sri Lanka belonging to Meteorological Agencies, Irrigation Authorities, Water and Sanitation Departments, Agriculture Departments etc. and six participants from WMO, GWP and ICID and SARC Meteorological Centre participated in the forum.

The forum aimed towards a better synergy between the water community and the climate community within the South Asian countries with the objective of making best use of the climate services and information provided by SASCOF and otherwise available in the region. The objective of the Climate Services User Forum for the Water Sector in South Asia was – (a) To introduce the seasonal climate information and seasonal hydrological prediction; (b) To introduce the climate information available at the regional level; and (c) To explain how to make use of the climate information in managing irrigation water.

The forum improved the climate literacy of the water user community to generate opportunities for the better use of climate information services which are not being used because of lack of awareness of their availability or capability of the institutions to use them. Mechanisms such as Climate Services Users Forum are useful in continuing dialogue between user agencies and climate service providers. Pilot projects and joint studies jointly carried by climate scientists and user agencies and at the same time develop decision making processes to use the extended predictions.

Please feel free to download a Consensus Statement of Fifth Session of South Asian Climate Outlook Forum (SASCOF-5) which is available at http://imdpune.gov.in/sascof_V/consensus%20statement_2014_23apr14_final.pdf.
ICID News Update

May 2014

ICID will be celebrating its 65th Foundation Day on 24 June 2014. It is a matter of great pride for ICID fraternity spread across the globe to observe the 65th 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 the day as ‘ICID Foundation Day’ by organizing variety of events like scientific/professional meetings, brainstorming sessions, essay and drawing competitions to create awareness about the current hot issues on water and food security etc. Please also provide a brief feedback on the celebration of the Foundation Day along with some high resolution pictures to the Central Office for its publicity in the forthcoming issues.

The INOVAGRI Institute jointly with the National Institute of Science and Technology in Irrigation Engineering (INCTEL) and the National Institute of Science and Technology in Salinity (INCTSAL) organized the 2nd International Meeting on ‘Irrigation and Drainage in South America’ on 14 April 2014 at Fortaleza, Ceara Province of Brazil.

The objective of the meeting was to discuss on science/technology, innovations, research and development activities in irrigation engineering and salinity. More than 850 participants from 13 countries (Argentina, Chile, Egypt, France, India, Iran, Italy, Netherlands, Spain, Thailand, UK, Uruguay, and USA), besides Brazil attended the meeting. Some 60 Senior Researchers/Professionals presented their research work through 16 Roundtables. More than 560 students participated and presented 745 technical and scientific papers in the form of posters.

ICID in cooperation with the INOVAGRI and the Brazilian National Committee of ICID (ABID) organized a Side Meeting on ‘Irrigation and Drainage in South America’ on 14 April 2014. The objective of the meeting was to inform the new initiatives taken up by ICID among participants from South American and countries and also to outreach its activities in this region. At the outset, Ing. Helvecio M. Saturnino (Brazil), President, ABID and ICID VPH Dr. Ragab Ragab (UK) welcomed the participants. Dr Suresh Kulkarni, Former Executive Secretary, ICID made a presentation about ICID covering its history, membership categories, organization structure and its functioning, current workbodies, new initiatives, organization structure and its functioning, current workbodies, new initiatives, current workbodies, new initiatives, Dr. Kulkarni encouraged the National Committees (NCs) in the region to broaden their membership by involving professionals from various disciplines including those from other water related government departments, research and academic institutes. VPH Ragab apprised the audience through a presentation about the key outcome of the First World Irrigation Forum (WIF1) held at Mardin, Turkey in September 2013. VPH Dr. Samia El Guindy (Egypt) presented ‘Egyptian experiences on the integration of aquaculture and agriculture’. Three country presentations on ‘irrigation and drainage’ were made by Prof. Dr. Eduardo Holzpafel (Chile), Dr. (Mrs.) Virignia Venturini (Argentina), and Mr. Claudio Garcia (Uruguay). Ing. Silvio Lima, Director of INOVAGRI Institute expressed his keen interest in contributing to ICID activities. The ‘Final Announcement’ of the upcoming mega event - ‘22nd ICID Congress and 65th IEC Meeting’, scheduled to be held during 14-20 September 2014 at Gwangju Metropolitan City, Republic of Korea was distributed to the delegates.

Further details about the INOVAGRI meeting can be accessed at www.inovagri.org.br or contact Ing. Silvio Carlos Ribeiro Vieira Lima, Director, INOVAGRI Institute E-mail:silviocarlos@yahoo.com.br; silviocarlos@yahoo.co.br

The International Day for Biological Diversity (known as World Biodiversity Day) is celebrated on 22nd May, annually which provides an opportunity to communicate and involve the public to build awareness on the value of biodiversity for human well-being around the world.

The theme of this year’s International Day for Biodiversity is “Island Biodiversity” chosen to coincide with the United Nations designation of 2014 as the International Year of Small Island Developing States. In addition, the theme was chosen to correspond with the timing of COP decision XI/15 paragraph 1(a) “to strengthen the implementation of the Programme of Work on Island Biodiversity”

The United Nations General Assembly declared 2011-2020 the United Nations Decade on Biodiversity. This decade serves to support and promote implementation
of the objectives of the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets, with the goal of significantly reduced biodiversity loss. For more information about the International Day for Biological Diversity 2014 please access http://www.cbd.int/idb/2014/.

World Day to Combat Desertification

17 JUNE WORLDWIDE TO COMBAT DESERTIFICATION

The World Day to Combat Desertification (WDCD) is observed worldwide on 17 June every year. The theme of 2014 World Day to Combat Desertification (WDCD) is “ecosystem-based adaptation” will include a focus on issues related to land and soil in the context of climate change adaptation and food security. The focus will also seek to mobilize public action for sustainable land management. Its purpose is to highlight the way to prevent desertification and recover from drought.

With more lands around the world facing increasing deterioration and degradation, the United Nations General Assembly declared 2010-2020 the United Nations Decade for Deserts and the Fight against Desertification with the objectives (i) to raise awareness about the causes of and solutions to desertification and land degradation; and (ii) to mobilize resources for special initiatives to achieve the objective.

This year’s slogan, ‘Land Belongs to the Future, Let’s Climate Proof It’, highlights the benefits of mainstreaming sustainable land management policies and practices into our collective response to climate change. Sustainable land management increases both community and ecosystem resilience while improving the human condition particularly in the drylands. For more information please access at http://www.unccd.int/en/programmes/Event-and-campaigns/WDCD/Pages/WDCD-2014.aspx.

News from ICID National Committees

World Water Day

BANCID (Bangladesh)

The Bangladesh National Committee of ICID (BANCID) organized a Seminar on “Water and Energy” on 22nd March 2014, in Dhaka, Bangladesh under the guidance of Ministry of Water Resources in association with Bangladesh Water Development Board (BWDB), Center for Environmental and Geographic Information Services (CEGIS), Institute of Water Modelling (IWM) and Bangladesh Water Partnership (BWP). Mr. Muhammad Nazrul Islam, Bir Protik, MP, Honourable State Minister, Ministry of Water Resources graced the occasion as Chief Guest. Dr. Zafar Ahmed Khan, Secretary, Ministry of Water Resources attended the seminar as Special Guest. The seminar was chaired by Mr. Md. Shahidur Rahman, Director General, Bangladesh Water Development Board (BWDB) and Chairman, BANCID. During the seminar Chief Guest Mr. Muhammad Nazrul Islam and Bir Protik, State Minister of Water Resources, Government of the Republic of Bangladesh launched the New Global Strategy towards 2020 of the Global Water Partnership (GWP) (http://www.gwp.org/gwp-in-action/News-and-Activities/GWP-Launches-New-Global-Strategy-Towards-2020/). A special supplement was published in two well circulated national dailies “The Daily Ittefaq” and “The Daily Star”.

CNCID (China)

New postal address of Chinese National Committee of ICID (CNCID) is:

Chinese National Committee on Irrigation and Drainage (CNCID), China Institute of Water Resources and Hydropower Research (IWHR), A1 Fuxing Road Haidian District, Beijing 100038, China. Tel: +86 10 68781193; Fax:+86 10 68781153; E-mail: gaohl@iwhr.com, cncid_office@sina.cn, lihui.gao@qq.com

Obituary

It is with deep remorse that we inform the sad demise of Vice President Hon. Dr. Ryota Nakamura (Japan) who passed away on 10 April 2014.

During his life time Dr. Nakamura held many important positions such as: Assistant Professor (1979-1982) and Associate Professor (1982-1992) at the Agricultural Engineering Department of the University of Tokyo. He was Professor and Head of Department of Agricultural Engineering at the University of Tokyo. Dr. Nakamura was a world renowned figure in the academic field of irrigation engineering. The passing of Dr. Nakamura is an immense loss to University of Tokyo and Japan as a whole.

Dr. Nakamura was associated with ICID since 1978 and was Vice President of ICID from 1993-1996. He was involved in various Task Forces and contributed as member of TF-WWF3, TF-WWF4 and TF-WWF5. Dr. Nakamura was a strong supporter of the objectives of ICID and indeed epitomized excellence in his contributions to the works of Commission by representing ICID in international fora as well as in ICID working groups. He was a very lively and kind person.

A prayer will be held at the University of Tokyo on 7th June 2014.

May his soul rest in peace!

MANCID (Malaysia)

Water for Our Future

The Malaysian Water Partnership will organize the Malaysian Water Resources Management (MyWRM) Forum 2014 on the theme “Water for Our Future” during 9-10 June 2014 at Perbadanan Putrajaya, Malaysia. The Forum is organized in collaboration with the Department of Irrigation and Drainage Malaysia (DID) and supported by the Academy of Sciences Malaysia, the National Hydraulic Research Institute of Malaysia (NAHRIM) and LESTARI-UKM, Lembaga Urus Air Selangor dan Perbadanan Putrajaya. The objectives of the Forum are (a) to provide a forum for Malaysian water stakeholders to highlight, discuss and recommend strategies to address IWRM-related issues faced by the different water sectors in Malaysia; (b) to provide a platform for Malaysian water stakeholders to review the approaches taken to address IWRM-related work; and (c) to promote advocacy in IWRM and to strengthen political commitments regarding IWRM. More information about the Forum is available at http://www.mywp.org.my/wp-content/uploads/2014/03/Registration-form.pdf

Mexico (MXCID)

2nd Latin America Water Week (LAWW) will be held on 23-27 June 2014 at the Hyatt Regency Polanco Hotel, Mexico City, Mexico. The Government of Mexico organises the LAWW through the National Water Commission (CONAGUA), in coordination with the Mexican Institute of
In the program, there will be four Panel Sessions i.e. (i) Water for Development and Prosperity; (ii) Water Security for all in the Americas; (iii) Water for Sustainability: Harmonizing humans and nature; and (iv) Constructing feasible implementation mechanisms. President Dr. Gao Zhanyi will be Co-convenor of Panel 1: "Water for Development & Prosperity". He will be delivering a thematic speech on 'Water and Food’ during the session.

Contact coordinates: Ms. Monica Camarena Garcia, International Cooperation Department, National Water Commission, Mexico (E-mail: monica.camarena@conagua.gob.mx), Website: http://www.conagua.gob.mx; http://www.conagua.gob.mx/Contenido.aspx?n1=4&n2=42&n3=384&n4=365

Spanish National Congress on Irrigation

The Spanish National Committee on Irrigation and Drainage (CERYD), together with the Spanish Association of Irrigation and Drainage (AERYD) will organize its 32nd Spanish National Congress on Irrigation during 10-12 June 2014 at Orihuela (Alicante) in Spain. For more information, please Contact: Dr. José Antonio Fernández - Ortiz Urrutia, Administrative Secretary General AERYD and Secretary of Organizing Committee (E-mail: aeryd@aeryd.es); Website: www.congresoriegios-aeryd.org

Forthcoming Events

ICID Events

12th International Drainage Workshop (IDW), Theme: Drainage on Wetland Agricultural Areas, 23-26 June 2014, St. Petersburg, Russia. Contact: Ms. Irena G. Bondark, Secretary General, National Committee of the Russian Federation on Irrigation and Drainage (RuCID), E-mail: ibond@online.ru, rusiptrid@mail.ru; Website: http://onlineerg.ru/IDW12

22nd ICID Congress and 65th IEC, 14-20 September, 2014, at Gwangju Metropolitan City, Republic of Korea. Congress Theme: Securing Water for Food and Rural Community under Climate Change. Contact coordinates: Dr. Young D. Kim and Ir. Hun Sun Lee, 2nd Floor BH B/D 902-5 Bangbae-Dong, Sseou-Go, Seoul, 137-060, Republic of Korea. Tel: +82 2 6288 6300, +82-2-6288-6399, E-mail: icid2014@icid2014.org, and http://www.icid2014.org

6th IEC and 26th European Regional Conference, 11-16 October 2015, Montpellier, France. Contact: Secrétaire Général, Association Française pour l’Etude des Irrigations et du Drainage (AFIED), 361 rue Jean-François Breton, BP 5095, F - 34196 - MONTPELLIER CEDEX 5, France, Tel: +33.4.67.04.63.16, Fax: +33.4.67.16.64.40, E-mail: afeid@cemagref.fr, Website: http://afeid.montpellier.cemagref.fr

Other Events

Irrigation Australia Conference 2014 on “Water for Life, a Future for All”, 2-6 June 2014 at Australia. All information is available at <http://irrigationaustralia.com.au>

4th International Conference on Flood Recovery, Innovation and Response, 18-20 June 2014 at Poznan, Poland. All information is available at <http://www.wessex.ac.uk/14-conferences/friar-2014.html>

5th International Conference on Sustainable Irrigation and Drainage: Management, Technologies and Policies, 17-19 June 2014 at Poznan, Poland. All information is available at <http://www.wessex.ac.uk/14-conferences/sustainable-irrigation-2014.html>

2nd Water Week Latin America, 23-27 June 2014 at the Polanco Hyatt Regency Hotel, Mexico City, The sessions themes are Water and Food; Water and Energy; and Water and Sustainable Cities. All information is available at www.conagua.gob.mx

International Conference on the Status and Future of the World’s Large Rivers, 21-25 July 2014 at Manaus, Amazonas, Brazil. All information is available at http://worldslargerivers.boku.ac.at/wlr/2014


17th International Riversymposium, Theme: ‘Large River Basins’ 8-10 October 2014 at Canberra (Australia) 2014. All information is available at http://riversymposium.com/


International Symposium on Weather and Climate Extremes, Food Security and Biodiversity, 20-24 October 2014 at Fairfax, Virginia (Metropolitan Washington D.C.), USA. All information is available at www.iscefs.org