Innovative and sustainable agri-water management: Adapting to a variable and changing climate

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Conference - Quick Overview

*What:* International Conference and 69th International Executive Council Meeting of ICID

*When:* August 12-17, 2018

*Where:* Saskatoon, Saskatchewan, Canada

*Who:* Hosted by the Canadian Committee on Irrigation and Drainage (CANCID) and the Canadian Water Resources Association (CWRA)

*Why:* To showcase the irrigated agriculture, science, and culture of the Canadian prairies to the rest of the world

www.ICID2018.org
International Commission On Irrigation And Drainage

- Established 1950
- Head Office – New Delhi, India
- 110 member country NGO
- Numerous affiliated International Organizations (FAO, UN Water, IWMI, World Bank)
- National Committee in each member country.
- Leading scientific, technical, professional and international NGO in the field of irrigation, drainage and flood control.
- Conducts work through 35 working groups, task forces and committees.
Dedicated to enhancing the worldwide supply of food and fibre for all people by improving water and land management and the productivity of irrigated and drained lands through appropriate management of water, environment and application of irrigation, drainage and flood management techniques.
Conference Venue

Saskatoon’s Arts & Convention Centre

• located downtown, close to hotels, shopping, and restaurants
• recently renovated
• flexible space

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Program at-a-glance


- International Conference
- Preliminary Events
- Plenary Session
- Technical Tours
- ICID Meetings & Events
- Exhibition
- 69th IEC
Conference Participants

• 520 paid registrations
• 40 countries represented
• Australia, Canada, China, Chile, Egypt, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Iran, Iraq, Italy, Japan, Korea, Malaysia, Morocco, Myanmar, Nepal, Netherlands, Nigeria, Pakistan, Phillipines, Russian Federation, Somalia, South Africa, Sri Lanka, Taiwan, Tajikistan, Thailand, UK, USA
Conference Details

• Opening ceremonies: Hon Goodale, Hon Dustin Duncan, Charlie Clark, ICID Pres. Felix Reinders

• Plenary: Dr`s John Pomeroy, Peter Mcornick and Maurice Moloney

• International conference (2.5 days) concurrent sessions (120) papers. Poster sessions (38).

• Workshops: GHG mitigation, Irrigation production, Financing Irrigation Projects, Geosynthetics and Linings, FAO
Conference Summary

• Tours : Pre-conference tour, post-conference tour, 3 technical tours, plus accompanying persons tours

• Receptions : 1) SIPA 2) Australia 3) Indonesia 4) Farewell Banquet 5) India
Climate Models Predict a Warmer, Drier Growing Season

Models vary, but most indicate a 2.5 - 4°C increase in temperature and a 2-10 per cent increase in precipitation → greater moisture deficit.

(AAFC Climate Monitoring and Forecasting)
<table>
<thead>
<tr>
<th>Crop*</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>1.7</td>
</tr>
<tr>
<td>Soybean</td>
<td>1.6</td>
</tr>
<tr>
<td>Fababean</td>
<td>1.0</td>
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</tbody>
</table>

* Crops generally grown in the area only.
Nominations Received

Technology Award (5)
- Dr. John Horbuckle, Mr. Jamie Veeshouwer and Dr. Janelle Montgomery (Australia)
- Chongbao Xie (China)
- Dr. Yosi Ibrahim Mohamed Atta (Egypt)
- Bernard Balet (France, based in New Caledonia)
- Hamidreza Khodabakhshi, Maryam Pashmforoosh and Farshad Esmaeilzade Feridani (Iran)

Innovative Water Management Award (4)
- Richard Phillips (Canada)
- Dr. Sayed Ahmed Abd El-Hafez and Dr. AlaaZoheir El-Babty (Egypt)
- NaserBehmanesh Far (Iran)
- Oh Changjo (South Korea)

Young Professional Award (1)
- Amirali Fatahi and Fatemeh Sadat Mortazavizadeh (Iran)

Farmer Award (0)
No Nominations were received
Technical Tours
Companion Programs

**Champetre County**
A place that will bring you back in time to the Old Wild West

**Western Development Museum**
Transport back in time to an indoor representation of a typical 1910 Saskatchewan town

**Wanuskewin Heritage Park**
Northern Plains First Nations Heritage Site with over 6000 years of history

www.ICID2018.org
Post Conference Technical Tour

- Join a guided technical tour through the South Saskatchewan River Basin from Saskatoon to Lethbridge and Banff National Park in Alberta’s Rocky Mountains.
- View multi-purpose water storage reservoirs, irrigation canals and pipelines, and state-of-the-art irrigation systems.
- Talk with irrigation experts regarding irrigation water management and diversified crop production.
- Delegates can fly home from Calgary International Airport.

Learn more about the tour at www.ICID2018.org.
THANK YOU

WWW.ICID2018.ORG