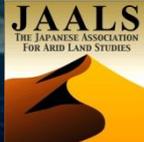




International Desert Council (IDC) in cooperation with

Japanese Association for Arid Land Studies (JAALS) & B.R.Ambedkar Bihar University (BRABU) hosts,



Desert Technology – XIII International Conf. on Arid Land – III

DT/ICAL

www.dt13.in

March 12 – 16, 2018; Chennai - Pondicherry, India

Pick-up and return to Chennai

URL: www.dt13.in

Special session on “Desertification of Sea and Water Bodies”

Conference Chair

Sangeeta SINHA, Prof., Dr., Ms.
University Department of Physics
B.R.Ambedkar Bihar University
Muzaffarpur, Bihar - 842001, India

Important Dates

Second Announcement : 1st September 2017
Abstract Due (e-mail only): 30th November 2017
Acceptance of abstract: 10th December 2017
Early Bird Registration: 31st December 2017
Final Programme: 15th February, 2018
Final paper due: 6th March 2018

Conference Topics

- Desertification of Land, Sea and Water bodies
- Desertification Prevention
- Desert Environment
- Dry land ecosystems and biodiversity
- Water Management in Deserts and Arid Areas
- Land Management in Deserts and Arid Areas
- Bio- and nano- technology for Sustainable Development
- Arid Land Bioresource and Effective Utilization Technologies
- Water Desalination and Wastewater Treatment Technologies
- Irrigation and Soil-Water Interaction in Arid Areas
- Desert Afforestation and Carbon Sequestration
- Mangroves Ecosystems
- Arid halophyte production, rangelands-livestock systems
- Renewable Energy Application in Desert and Remote Areas
- Information Technology and Remote Sensing
- Agriculture technology and food security in arid areas
- Economic benefits of dry lands and biological resources
- Cultural and biological heritage conservation in arid areas
- Arid Land Bio-prospecting
- New materials for sustainable development of Desert/Arid
- Land Ecosystems
- Human life in Arid Area
- Any topic related to Arid Land

History of DT/ICAL Conferences

DT-1 : 1991 - Santa Barbara, USA
 DT-2 : 1993 - Hawaii, USA
 DT-3 : 1995 - Motosu, Japan
 DT-4 : 1997 - Kalgoorlie, Australia
 DT-5 : 1999 - Nevada, USA
 DT-6 : 2001 - Urumqi, China
 DT-7 : 2003 - Jodhpur, India
 DT-8 : 2005 - Nasu, Japan
 DT-9 : 2008 - Douz, Tunisia
 DT-10/ICAL-1 : 2011 - Narita, Japan
 DT-11 : 2013 - Texas, USA
 ICAL-2: 2014 - Samarkand, Uzbekistan
 DT-12 : 2015 - Cairo, Egypt

Conference Secretariat

Prof. Sanjay Kumar
Organizing Secretary
Department of Physics
B.R.Ambedkar Bihar University
Bihar, INDIA

Mob: +91-94312-39820, 94706-44820

e-mail – dt13.india@gmail.com

Web: www.dt13.in

The official conference language is English.



Deserts generally envision Places, where sand dunes spread. Notwithstanding this common perception, The U. N. Convention to Combat Desertification (UNCCD) in 1994 defined it as degraded arid semiarid and dry sub humid areas resulting from various factors, including climatic variations and human activities, including unsustainable farming, mining, overgrazing, clear-cutting of land and manmade climate change. 41% of Earth's land area, home to over 2 billion people, falls in the category of deserts. The issues of deserts and desertification are a global concern, requiring continued and expanding research to mitigate the consequences.

As the dynamics of land, climate and biodiversity are intimately connected, the International Desert Council (ICD) facilitates cooperation and dissemination of knowledge among scientists, researchers and policy makers from diverse fields, in combating desertification and land degradation. Desert Technology (DT) Conferences since 1991 is one such unique initiatives of IDC, which facilitates technological breakthroughs and innovations. Building upon previous experiences and accomplishments, Desert Technology 13 (DT13) International Conference offers an opportunity to participate in discussions and the presentation of research projects (including natural, technological and human sciences) aimed at overcoming constraints of desertification. DT13 will be held along with International Conference on Arid Land (ICAL- 3) to discuss the impact of desertification, possible solution and future challenges in the backdrop of climate change and food security in deserts and arid areas.

In the last decade, productivity of sea and inland water bodies have also declined substantially. Mining activities on sea bed and developmental activities affecting onshore water bodies have become a grave concern since aquaculture is third largest employment providing sector in the world. It provides food security in developing countries. A special session will be held for the first time on desertification of sea and water bodies.

On behalf of the Desert Technology 13 Organising Committee, I invite and welcome you to participate in the DT-13/ICAL-3 by presenting a paper or providing financial or in-kind sponsorship for the conference.

Sangeeta Sinha, Prof., Dr., Ms.
Chairperson
B.R.Ambedkar Bihar University
Muzaffarpur, Bihar, India

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- I. Endo (Riken)**
- T. Kojima (Seikei University)**
- A. R. Williams (Curtin University)**
- J. A.Young (USDA)**
- X. Xia (Xinjiang Inst. of Eco. & Geog.)**
- Sanjay Kumar (B.R.A. Bihar Univ.)**
- Y. Abe (University of Tsukuba)**
- M. Harrabi (Nat. Inst. of Agronomy)**
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- H. El-Shemy (Cairo University)**
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- Y. Sakai (J. of Arid Land Studies)**

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Registration fee

Registration category *		Early bird Registration fee till 31 st Dec., 2016	Registration fee till 15 th Feb., 2017	Onsite registration
Indian and SAARC Nationals	Regular	Rs. 8,000	Rs. 10,000	Rs. 20,000
	Students (with accepted papers)	Rs. 5,000	Rs. 8,000	
	Spouses (Guest)	Rs. 5,000	Rs. 8,000	
Nationals other than SAARC countries	Regular	JPY 50,000	JPY 60,000	Rs.40,000
	Students/Retired persons	JPY 35,000	JPY 50,000	
	Spouses (Guest)	JPY 25,000	JPY 30,000	
Full registration fee including five nights** hotel accommodation	Regular (with spouse/guest)	JPY 115,000#	---	---
	Regular (Single occupancy)	JPY 90,000	---	
	Regular (Double occupancy)/person	JPY 70,000	---	

* Transfer/exchange fee should be covered by yourselves.

** Four nights at Pondicherry, one night at Chennai on 11th or 16th March by choice, additional days JPY 10000 /night/room

No registration fee for spouse/guest for this category

■ 100 JPY = Rs. 50.00 (approximately)

► *Registration fee includes,*

- Book of abstract and registration material
- Conference tour on 12th March
- Transportation from Chennai to Pondicherry on 12th March and return journey on 16th March
- Half day tour of Global village
- Working lunch on all days
- Welcome dinner and Conference dinner

► One registered participant can present only one oral paper.

► Cheaper hotels are also available. List will be placed on website)

Bank details for registration fee transfer for delegates from outside India

Bank transfer (in Japanese Yen only)

Bank Name: THE BANK OF TOKYO-MITSUBISHI UFJ, LTD

SWIFT Code: BOTKJPJT

Branch Name: SHINTOMICHO BRANCH

Branch Address:1-18-1, Shintomi, Chuo-ku, Tokyo, Japan

Account Number:749-0146874

Account name: DT ICAL JAPANESE ASSOCIATION FOR ARID LAND STUDIES

From inside of Japan, Association name in the Account name may be in Japanese (KATAKANA) as NIHONSABAKUGAKKAI

Bank details for Indian delegates

Bank transfer (in Indian Rupees only)

Bank Name: State Bank of India

Branch name: B.U.Branch, Muzaffarpur, Bihar

IFSC Code: SBIN0001519

Account No. : 36052036008

Account Name: APCSEET 2017

Expression of Interest

Delegates from outside India must send expression of interest by November 30, 2017 for VISA formalities.

Please mail the following information to Conf. Secretariat to get updates and news.

Title: Prof./Dr./Mr./Ms.

Last Name: _____

First Name: _____

Middle Name: _____

Nationality: _____

Affiliation/Company: _____

Address for Communication: _____

Country: _____ PIN: _____

e-mail: _____

Whether interested in attending/presenting paper

For Foreign Delegates

Passport No. _____ Place of Issue _____

Date of Birth _____ Place of Birth _____

Date of Issue _____ Date of Expiry _____

Abstract Submission Requirements

—Please send your abstract(s) to dt13.india@gmail.com by 30th November 2017 in the following format,

1. File format: MS Word
2. Length: each abstract should be within 200 words (only for main body of abstract, except authors name etc.)
3. Paper size: A4, Margin 2.5 cm from all sides
4. Font: **Arial for all texts**
5. **First line:** Primary research area of presentation (from list of topics)
Second line: Secondary research area of presentation (from list of topics)
Third line: Preferred mode of presentation: **Oral/Poster**
Fourth line: Blank
Fifth line: Title of the paper in upper case (Capital)
Font - **Arial, 12 point bold**, Capitalize each word
Sixth line: Blank
Seventh line: Author(s) name(s), 10 point:
First M. LAST¹, First LAST², First M. LAST^{2*}
Underline the presenting author
Mark the Corresponding author with `*` and provide e-mail address of the corresponding author
Eighth line: Affiliation and address of each authors
Next line: Blank
Next line: Start from “**Abstract:**” in bold, 10 point, followed by a brief summary (~ 200 words) of scope, significant results and conclusions in 10 point.
Next line: Blank
Next line: “**Keywords:**” in bold, 10 point, followed by maximum five keywords.

Example

Energy and Technologies in Future

Toshinori KOJIMA^{1*} and Piyush KUMAR²

¹ Dept. of Materials Science, Seikei University, Tokyo, Japan, e-mail: abcd@gmail.com

²Dept. of Physics, B.R.Ambedkar Bihar University, Muzaffarpur-842001, Bihar, India

Abstract: While the real reason of the ruin ofRight justified, Arial10 font size.

Keywords: Climate change, Renewable Energy, Policy

Tentative Programme

Monday March 12, 2018

0800 - 1000 HRS: Registration
1000 - 1600 HRS: Conference tour and lunch
1600 - 1900 HRS: Transfer to Pondichery
1930 - 2100 HRS: **Welcome Dinner**

Tuesday March 13, 2018

0900 - 1000 HRS: Registration
1000 - 1100 HRS: Inauguration and high tea
1100 - 1300 HRS: Plenary lectures
1300 - 1400 HRS: **Working Lunch**
1400 - 1600 HRS: Technical Sessions
1600 - 1620 HRS: Tea Break
1620 - 1830 HRS: Technical Sessions
1900 HRS – Meeting & dinner of DT/ICAL Committee members
Dinner yourself

Wednesday March 14, 2018:

0800 - 0900 HRS: Registration
0900 - 1100 HRS: Technical Sessions
1100 - 1300 HRS: Technical Sessions
1300 - 1400 HRS: **Working Lunch**
1400 - 1600 HRS: Technical Sessions
1600 - 1620 HRS: Tea Break
1620 - 1830 HRS: Technical Sessions
1900 HRS – **Conference Gala Dinner**

Thursday March 15, 2018

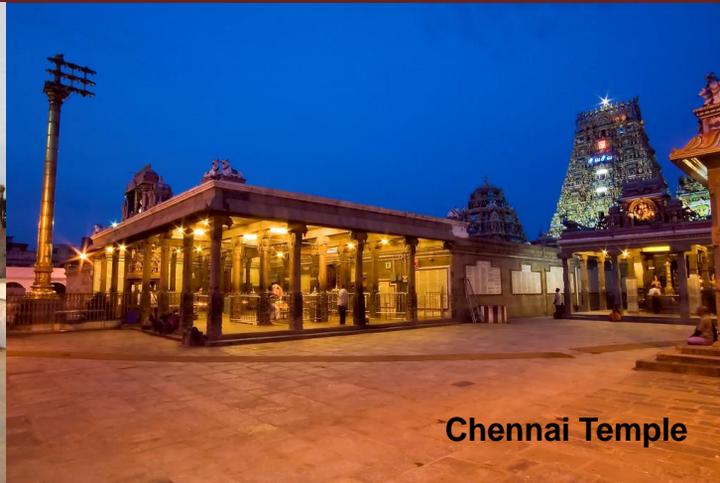
0900 - 1100 HRS: Technical Sessions
1100 - 1300 HRS: Technical Sessions
1300 - 1400 HRS: **Working Lunch**
1400 - onwards: Free time
Dinner yourself

Friday March 16, 2018

0900 - 1100 HRS: Technical Sessions
1100 - 1300 HRS: Technical Sessions
1300 - 1400 HRS: **Working Lunch**
1400 - 1600 HRS: Closing Sessions
1630 HRS – Departure to Chennai
1900 HRS – Arrival Chennai and disperse



Pondicherry



Chennai Temple