

Bangalore



University

Department of Geography & Geoinformatics



Union of Geographic Information Technologists (UGIT)

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www.ugit.net

Sixth UGIT's International Conference on

“CLIMATE CHANGE AND SUSTAINABLE WATER RESOURCE MANAGEMENT – INNOVATIVE GEOSPATIAL SOLUTIONS”

November 9-11, 2017



**Welcome to Bengaluru,
the Garden City & IT Hub of India !**

The sixth International Conference of UGIT on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” is being hosted by the Department of Geography, Bangalore University, during 9 -11, November 2017.

As water is a basic necessity for life, it is of utmost significance to understand impact of climate change on water resources. This holds particularly true for a country like India, where water is a scarce resource and adverse impacts on water resources has recently been experienced as a consequence of climate change. The conference creates three days of unique opportunity for academicians, climatologists & water resource professionals. This gives a platform to interact and deliberate on potential geospatial solutions on climate change and sustainable water management. We are confident that the delegates will benefit by participating this international event. We look forward to see you in Bengaluru soon...!

Chief - Patron

Prof. H.N. Ramesh

Hon'ble Vice-Chancellor, Bangalore University

Patron

Prof. B.K. Ravi

Registrar, Bangalore University

Co-Patron

Dr. Lokesh A

Finance Officer, Bangalore University

Convener

Dr. Ashok D. Hanjagi

Professor & Chairman

Organizing Secretary

Dr. A.S. Rayamane

Professor of Geography

Hosted by :

Department of Geography & Geoinformatics,

Jnanabharathi Campus, Bangalore University, Bengaluru, India

BACKGROUND

Water resource management and climate change are highly debating global issues. Climate and water are two significant features to the growing Indian economy and geospatial technologies are the pillars of all above progress without any doubt. Climate change has increased the threat to the environment of the whole World in general and India in particular. The conference intends to identify and discuss the phenomenon of climate change, challenges facing our water resources and geospatial solutions that promote sustainable management of water resources in India and around the world. This conference drive towards a revaluation of the prominence of water-use conservation and efficiency is leading to fundamental changes in water policy in India and around the world. The aim of the conference is to create an occasion for the researchers to deliberate on the sub-themes of climate change, water resource and emerging geospatial technologies.

CALL FOR PAPERS

Abstracts and full papers are invited from participants for presentations at technical sessions on the following three sub - themes of the conference:

1. Sustainable Water Resource
2. Climate Change
3. Geospatial Solutions

Abstract

Abstract Title: Title should be in 14 font size, your e-mail address, and Institutional affiliations have to be mentioned after the one space of the abstract title.

Abstract Body: Body must be in 12 font size, includes summarize of objectives, methods, and major findings of the research work. The abstract should be an original and not published elsewhere earlier. Authors should provide three to six key words in the bottom of the abstract in *Italic style*.

Word Limit: should not be more than 300 words

Font: Times New Roman

Page setup: Top 1", Bottom 1", Right 1", Left 1.5"

Submission: The abstract should be submitted only by online mode (For further details visit www.ugit.net). Abstract without registration fees will not be printed in the abstract volume. Please submit the registration form along with your abstract.

Dead line: 09th October 2017

The Best Paper Selection: In each research session, the best original paper would be selected and given certificates at the closing ceremony.

Full Paper

All the full research papers should be focused on conference sub themes. Along with abstract, the full - length of original research paper has to reach us within the dead line (28th October 2017). Full paper must be in English only. **Selected quality original research papers will be published in the UGIT's International Journals (Recognized by the University Grand Commission (UGC) of India in 2017) - "Geographical Analysis" & "Geo-eye".** Further details visit the websites : www.ugit.net and www.bangaloreuniversity.ac.in

Poster Presentation

Poster presentations are welcome on the above three sub focal themes. A researcher who intends to present the posters has to intimate well-in-advance. Please use the registration form to submit your poster presentations. Details guide lines to prepare the poster presentations are available in the UGIT's web page. For further details visit to the UGIT website www.ugit.net and www.bangaloreuniversity.ac.in

The Best Poster Presentation

Three best poster articles would be selected from poster presentations and cash prize of Rs.5000, 3000 and 2000 for 1st, 2nd & 3rd would be given respectively along with certificates at the closing ceremony.

Sub Themes

Sustainable Water Resource

- Surface Water Potentials & Development
- Watershed Management
- Urban Water Utility Issues
- Challenges of Ground Water Resource
- Water Resource Conservation
- Rainwater Harvesting
- Water Resource Conflicts
- Drought Assessment and Mitigation

Climate Change

- Natural Disasters Management
- Forest Conservation
- Green Clean Cities
- Community and Social Awareness
- Geo-politics for Climate Change
- Climatic Resilience Cities
- Climate Change Adaptation
- Issues of Conventional Energy Sources

Geospatial Solutions

- Geographic Information System
- Remote Sensing
- Environmental Impact Assessment
- Global Positioning System
- Alternative Energy Sources
- Emerging Geospatial Technologies

Conference Dates

09th November 2017 – 1st Day
10th November 2017 – 2nd Day
11th November 2017 – 3rd Day

Language

English

Dates to Remember

Early-bird Registration	30 th Sep. 2017
Abstract Submission	09 th Oct. 2017
Full Paper Submission	28 th Oct. 2017
Inaugural Session	09 th Nov. 2017
Technical Session	09 -11 Nov. 2017

Registration Fees For Delegates

Early-bird :	Rs. 2500	Sept. 30th 2017
Regular:	Rs. 3000 (Until)	Oct. 31st 2017
Spot :	Rs. 3500	

For Students

Early-bird :	Rs. 1200	Sept. 30th 2017
Regular	Rs. 1700 (Until)	Oct. 31st 2017
Spot	Rs. 2000	

For Delegates

Early-bird SAARC Countries:	\$ 100
Early-bird Non-SAARC:	\$ 150
Regular SAARC Countries:	\$ 125
Regular Non-SAARC Countries:	\$ 175
Accompanying Member India	Rs 1500/=
Accompanying Member SAARC:	\$ 50
Accompanying Member Non-SAARC:	\$ 50

Note

Registration fee includes conference materials, proceedings copy, food & accommodation.

Further information are available on
www.bangaloreuniversity.ac.in
www.ugit.net

YOUNG TECHNOLOGIST AWARD

Original Research articles on sub themes along with abstracts are invited from young researchers who is the age below 35 and who wish to present and compete in Young Scientist / Technologist Award Session. Three best articles would be selected from this session for the Awards and the cash prize of Rs.10000, 5000 and 3000 for 1st, 2nd & 3rd would be given respectively along with certificates. Eminent academicians would be in the selection committee for the entire selection process of young Technologists, Best poster Presentation and Best Paper Selection. The selection would entirely based on relevance of the research topic, methodology & techniques used for analysis, output of the research and the quality of the real presentation. **The research articles selected under these three process will be published in up-coming international peer-reviewed journals of 'Geographical Analysis' and 'Geo-eye'.**

PRIZE OF KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY (KSTA)

To help the budding postgraduate students and research scholars, lead lectures are arranged on **Innovative Geoinformatics** in the international conference under the support of **Karnataka Science & Technology Academy (KSTA)**, Government of Karnataka. This helps students to capture the knowledge of Geoinformatics (Remote Sensing, Global Positioning System & Geographic Information System) and use the same in their respective disciplines. At the end, a test would be conducted to measure their understanding towards the **Geospatial Technologies and their applications**. The candidates who secured first, **second** and **third** position would be honoured with certificate and a cash prize of Rs. 10,000, 6,000 & 4,000 under **KSTA support**.

UGIT's Excellency Awards

UGIT's Excellency award is a form of honour, a kind of recognition aimed to felicitate one's excellence contribution in a chosen field. An award is not only a great prestige or a mark of excellence, but also is tremendous boost for personalities who strives excel higher and aim for even bigger accomplishments. It is the ultimate token of recognition of the purest talents and the highest achievements. With an objective to encourage and inspire the teaching and research community UGIT is giving Excellency Awards since 2015. On the occasion of the International Conference, UGIT would like to recognize and honour researchers, Geographers, technologists and academicians from geo-spatial community, who have best record in their respective areas and who have promoted geospatial technologies by applying in different fields will be felicitated in the inaugural function of International Conference. Five candidates would be selected across India and World.

PANEL DISCUSSION AND PUBLIC FORUM

Eminent personalities in field of climate change, water resource & geospatial technologies will gather and deliberate on the conference themes as panelists. The proceedings & recommendations given by the panelists will be published in UGIT'S Journals. Public forum of the conference will be conducted on **"WATER CRISES IN BANGALORE – COPING FOR FUTURE ACTIONS"**. This public forum of conference is useful to trigger an exchange of viewpoints among experts, either with prepared statements or in response to the questions from the public audience. This forum will be conducted in "Kannada" language on 11th November 2017 and the summary of the discussion will be translated in English.

TRAVEL INFORMATION

About India

India is becoming a powerhouse of the globe in terms of its fast growing economy. In Space technology it is one of the leading nations. On 5th June 2017 the Indian Space Research Organization (ISRO) launches GSLV -Mk III satellite. India has got very peculiar monsoon type of climate where in six months monsoon blow from southwest and six months from northeast making India's agriculture and economy stronger.

About Bengaluru

Bengaluru is the Garden City of India which is located on the Deccan Plateau in the South- Eastern part of Karnataka. Global city of Bengaluru known as "Silicon Valley of India," The Continuous additions of large number of technological companies from last 20 years have helped Bengaluru emerge as a technological hub. Internet-based technology is growing rapidly as a result of the dot-com boom.

About Bangalore University

The Bangalore University is one of the largest Universities in India which is located in the South - Western part of Bengaluru city, adjacent to Mysore road and is roughly 10 km from Railway-station / Kempe Gowda Bus Station (KBS) and around 40 km from Bengaluru International Airport. The Week - Hansa – best university Survey 2016 of Indian Universities has ranked Bangalore University at 15th position at the National level.



For Conference Registration

Mode of Payment: Payment can be made online by wire transfer or NEFT

Payment Mode for Indian Delegates:

IFSC: SBIN0040211

Account No: 64050979566

Name (In favour of): Convener, UGIT International Conference 2017

Note: Direct remittance can also be done by Indian delegates wherever State bank of INDIA is located. Or DD in favour of Convener, UGIT, International Conference 2017

Payment Mode for Foreign Delegates:

Swift Code: SBININBB

Account No: 64050979566

Name (In favour of): Convener, UGIT International Conference 2017

Note: Direct remittance can also be done by foreign delegates from the list given.

Bank Name: State Bank of India.

Branch: Nagarabhavi, Bangalore

Address: Bangalore University,

Jnanabharathi Campus, Bangalore – 560056

Accommodation

Registered and confirmed participants will be provided accommodation within Bangalore University campus and nearby places. Accommodation information with details will be sent through e-mail communication. Accommodation facility would be extended during conference dates only. Any accompanied persons need to pay extra money for accommodation. If any delegates wish to stay extra days, has to pay. Delegates participating in the conference need to come to Bangalore University on their own by local transport as frequency of buses, taxis, OLA & UBER cabs, autos running from Airport, Railway Station, and Bus-Station to University Campus.

About UGIT

The UGIT is registered academic body under society act. The UGIT is committed to provide a forum to deliberate on the current geo-socio-economic cum political issues emerging in the society. The stakeholders will have an opportunity to present their views through articles and their physical presence in the seminars / conferences being organized under the aegis of UGIT.

UGIT's Journal Publications The Department of Geography, Bangalore University under the UGIT publishes original and innovative research articles consisting of geography and allied disciplines. The "Geographical Analysis" (ISSN 2319 - 5371) and "Geo-Eye" (ISSN 2347 - 4246) are the two international peer-reviewed journals of the UGIT. The journals comprises research articles which aim to ascertain and update geographical knowledge through its biannual publication. These journals provide ample opportunities for researchers for whom this would be a stepping stone as formal research writing. Articles published under these journals address various research issues & challenges, which resolve the practical problems faced by the contemporary world. These journals are available in the form of soft format in websites of www.bangaloreuniversity.ac.in and www.ugit.net

UGIT Membership

The membership can be done electronically by visiting www.ugit.net. He / She upon the prescribed membership payment a certificate will be issued. The UGIT is committed to provide better service possible to all its members regardless of whether they are students, teachers, and professors, employed in the public or private sector, retired or non-waged. Membership can also be done by downloading hard copy of the application from www.ugit.net and send the filled applications by post.

Membership Fees

Life Member (India): Rs. 3,000.
 Life Member (Foreign): \$ 200.
 Emeritus member (India): Rs. 50,000
 Emeritus member (Foreign): \$ 2,000.
 Patron (India): Rs. 1,00,000.
 Patron (Foreign): \$ 5,000.
 Institutional memberships: Rs. 5,000

Note: Membership fees can be sent electronically (NEFT) or direct money transferring to our account and UGIT Annual Membership period is from January - December.

Membership Benefits

The members get benefits of UGIT's biannual journals of Geographical Analysis & Geo-eye. The members can attend annual seminars / conferences regularly. UGIT brings all its members together to resolve their academic problems in promoting the disciplines. Members will have wide access to research materials.

Dr. Ashok D. Hanjagi

Convener, UGIT International Conference 2017
 Dept. of Geography, Bangalore University, Bengaluru-560056
 Contact Details: 91 9845634196, 9845414278, 9008999884,
 9880140682, 9964040774, 9986830111
geography@bub.ernet.in, Office: 080 229613 71 to 72



Chief-Advisory Committee

Sri. Rakesh Sing, Principal Secretary, Water Resource Development, Bengaluru
 Sri. Tushar Girinath, Chairman, BWSSB, Bengaluru
 Sri. B. Praksh Kumar, Chief Engineer, RWS&SB
 Sri. Mudhava, ACIWRM, Bengaluru
 Dr. Prabburaj D.K., Director, KRSRAC, Bengaluru
 Dr. G. S. Srinivas Reddy, KSNDMC, Bengaluru

Panellists

Dr. J. Krishnamurthy, ISRO, Bengaluru
 Prof. Ketih C. Clarke, University of California, USA
 Prof. Rajib Shaw, Keio University, Japan
 Dr. Collin Arrowsmith, RMIT University, Australia
 Dr. T. V. Ramachandra, IISc, Bengaluru
 Dr. Ashok Hanjagi, Bangalore University, Bengaluru
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 Prof. Shivagnanam, Madras University, Chennai
 Prof. T. Vasantakumaran, Madras University, Chennai
 Prof. Dayasagar, IIS, Bengaluru
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 Ms. B. Arularasi - Rapporteur

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