



Three-Day

International Conference on Remote Sensing for Disaster Management - 2017 (ICRSDM - 2017)

11th - 13th OCTOBER 2017

Visakhapatnam

Organized by:

Department of Geo-Engineering,
College of Engineering (A),
Andhra University, Visakhapatnam,
INDIA

www.icrsdm.com



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ABOUT THE CONFERENCE

When we hear about disaster, it creates panic in our minds. The natural disasters are the killer agents which can/can't be predicted with the modern technology. Every year, in one place or another, disasters are devastating the area and surroundings, leading to ecological disruption besides huge loss of life and property. India is vulnerable to cyclones, landslides, heat waves, earthquakes, floods, droughts, forest fires, and epidemics after natural disasters. The 5700 km long coast of India, with its dense population and industrial activities, is vulnerable to cyclones/tsunamis, etc. Similarly, 2400 km long Himalayan belt is vulnerable to landslides and earthquakes. We are achieving a lot in Science and Technology, however, we are unable to control disasters. Technology driven mock drills should be implemented in vulnerable areas. The capacity building coupled with modern technology results in reduction of loss of life and property. Therefore, concerted efforts are necessary towards motivation, planning and management. Geospatial technology is one of the decision making tools which provides necessary inputs for understanding spatio-temporal variations and better management. In view of this, a three-day international conference is being organized to bring together academicians, scientists, administrators, NGOs and students to deliberate on various aspects of the disasters.



THEMES OF THE CONFERENCE

Besides the special theme chosen for the three-day international conference, the following sub-themes will be covered in various scientific sessions.

1. Risk and vulnerability assessment in avalanches and landslides.
2. Volcanic eruption and topographic changes.
3. Earthquakes and tsunami disaster mitigation.
4. Cyclones and flood risk hazard management.
5. Drought estimation and sustainable agriculture.
6. Coastal erosion and ecological restoration.
7. Wildfires vulnerability and emergency management.
8. Deforestation and restoration of eco-system.
9. Industrial disasters, safety and risk strategies.
10. Geoinformatics for rural development capacity building.
11. Resilience of Urban disaster risk management.
12. Resilience driven disaster management of civil infrastructure.
13. IoT and cyber physical systems for disaster management.
14. Disaster preparedness mock drill, rehabilitation and reconstruction.
15. Medical urgency in disaster management.
16. UAV and its applications for critical infrastructure maintenance and inspection.

Abstracts in not more than 250 words should be submitted by 30th June, 2017 in MS-Word format to icrsdm2017@gmail.com. The articles will go through double blind review process and accepted papers will be published in the conference proceedings by Springer series in Geomechanics and Geoengineering and selected extended version of the papers is recommended for the publication in the Special Issue of International Journal of Emergency Management (Inderscience). The technical program will consist of both ORAL and POSTER presentation.



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REGISTRATION FEES

All participants must register in advance for participation in the conference. Registered participant's full length papers only be reviewed.

Please visit : <http://icrsdm.com/registration.php>

Category	Fee for Foreign Nations other than SAARC	Fee for SAARC Nations	Fee for Indian Nations
Early Author	USD 200.00	USD 125.00	4000 INR
Early Student	USD 175.00	USD 100.00	3500 INR
Companion	USD 100.00	USD 75.00	2000 INR
Author	USD 250.00	USD 200.00	5000 INR
Student	USD 150.00	USD 125.00	4500 INR

The registration fee covers seminar kit, working lunches and snacks during the conference. The participants have to make their own arrangements for travel and stay in Visakhapatnam

MODE OF PAYMENT

Both online and offline mode registrations are allowed. For offline mode enclose crossed Demand Draft, drawn on any nationalized banks in favour of Convener, ICRSDM-2017, payable at Visakhapatnam. For further details please visit : www.icrsdm.com/registration.php

NOTE: Papers that are not accepted for publication in Springer Proceedings the registration fee varies.

Important Dates:

Deadline for Abstract Submission	30 June, 2017
Notification of Abstract acceptance	07 July, 2017
Deadline for Full-paper Submission	15 July, 2017
Camera-ready Version Submission	25 July, 2017
Deadline for Registration	31 July, 2017
Conference Dates	11-13 October, 2017

ACCOMMODATION

The participants will be accommodated mostly in guest house/hotels on payment basis. Delegates are requested to send their accommodation requirements well in advance, but not later than 30th September 2017.

EXHIBITION/STALLS

An exhibition will be organized during the seminar. The exhibition will enable the delegates to gain a comprehensive overview of the products available for disaster management. For details visit: <http://www.icrsdm.com>

ABOUT ANDHRA UNIVERSITY

Andhra University, established in 1926, with its sprawling campus overlooking the Bay of Bengal in Visakhapatnam, is one of the reputed academic institutions in India, catering to the educational needs of State of Andhra Pradesh, besides hundreds of students are getting admission from other parts of India and abroad. AU is accredited with very high ranking by NAAC and NBA, it has several Centres of Excellence.

COLLEGE OF ENGINEERING (A)

The College of Engineering, one of the five campus colleges, is a jewel in the crown of Andhra University. It has been secured 23rd rank and adjudged as one of the best Govt. Engineering Colleges in India.

Department of Geo-Engineering and Centre for Remote Sensing

Is an inter-disciplinary Department, running M.Tech. course in Remote Sensing, Geo-Engineering and a 4-year B.Tech. course in Geo-informatics Engineering, with its faculty from different disciplines like Remote sensing, Geology, Geography and Meteorology, involved in research in resource evaluation, disaster management, etc. using the modern geospatial technologies.



Visakhapatnam, a coastal city named after the god of Velor-Visakha, was a part of the Kalinga Kingdom, under Ashoka's rule in 260 B.C., popularly called **The jewel of the East Coast and City of Destiny** is in the state of Andhra Pradesh. It is located on the East Coast with beautiful beaches and hill ranges, a major tourist destination.

There are number of tourist places such as Simhachalam temple, Kailasagiri Hills, Submarine Museum, Dolphin's nose, Ramakrishna Beach, Ross Hill, Bheemunipatnam, Erra Matti Dibbalu, Araku Hills, Borra Caves, etc.