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Director

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विषय: "रिमोट सेन्सिंग तथा जीआईएस का हाइड्रोमेट्रोलॉजिकल आपदा प्रबंधन में अनुप्रयोग" पर एक दिवसीय ऑनलाइन कार्यशाला की घोषणा

Sub: Announcement of one-day online workshop on "RS and GIS Applications in Hydro metrological Disaster Management."

प्रिय महोदय/महोदया

Dear Sir/Madam,

Greetings from IIRS.

सर्वप्रथम, हम आईआईआरएस दूरस्थ शिक्षा कार्यक्रम (डीएलपी) को आगे बढ़ाने में आपके और आपकी टीम द्वारा किए गए प्रयासों की सराहना करना चाहते हैं। आपके समर्थन और सहयोग के कारण, अब तक 750 से अधिक संस्थान / संगठन हमारे साथ नेटवर्क में जुड़ चुके हैं और 65,000 से अधिक पेशेवर और छात्र इस कार्यक्रम से लाभान्वित हुये हैं। हम नए और चुनौतीपूर्ण पहलों में भाग लेने के लिए आपको आमंत्रित करके हमारे संबंधों को एक कदम आगे ले जाना चाहते हैं जो समाज और देश को लाभ पहुंचा सकता है।

At the outset, we would like to appreciate the efforts put in by you and your team in taking the IIRS Distance Learning Programme (DLP) forward. With your support and cooperation, now over 750 institutions/ organizations are networked with us and over 65,000 professionals and students have been benefited so far. We would like to take our relationship a step forward by inviting you to participate in new and challenging initiatives which can benefit the society and country.

कई जोखिम प्रकृतिक होते हैं जो असुरक्षित भूमि उपयोग तथा पारिस्थितिक तंत्र से छेड़छाड़ के कारण आपदा बन जाते हैं। भारत भूस्खलन, प्रदूषण सहित बाढ़, फ्लैश बाढ़, सूखा, चक्रवात, चरम मौसम की घटनाओं जैसे प्रमुख आपदाओं हेतु प्रवण है। अंतरिक्ष प्रौद्योगिकी और भू-स्थानिक दृष्टिकोणों में नवाचारों ने यथासमय पता लगाने और आपदाओं की निगरानी के लिए नए आयाम खोल दिये हैं। इसके अलावा, भू-स्थानिक प्रौद्योगिकी भारत सरकार के बाढ़ और कृषि बीमा संबंधित कार्यक्रमों के लिए प्रमुख निविष्ट प्रदान करती है।

Hazards are natural and become disasters by affecting vulnerable land-uses, people and their infrastructure including ecosystems and resources. India is prone to a series of major disasters such as floods, flash floods, droughts, cyclones, extreme weather events, including the groundwater contamination. Innovations in space technology and geospatial approaches have catered newer dimensions for timely detection and monitoring of disasters. Also, the geospatial technology provides major input for flood and agriculture insurance related programs of government of India.

इस पृष्ठभूमि के साथ, 15 मई, 2018 को इंटरनेट (ऑनलाइन) के माध्यम से "रिमोट सेन्सिंग तथा जीआईएस का हाइड्रोमेट्रोलॉजिकल आपदा प्रबंधन में अनुप्रयोग" पर एक दिवसीय प्रशिक्षण कार्यशाला आयोजित किया जाना प्रस्तावित है। इस प्रशिक्षण सत्र में हाइड्रोमेट्रोलॉजिकल संबंधी आपदाओं में "रिमोट सेन्सिंग तथा जीआईएस का हाइड्रोमेट्रोलॉजिकल आपदा प्रबंधन में अनुप्रयोग" पर व्याख्यान और प्रदर्शन शामिल होंगे। कार्यक्रम के अंत में, आपके प्रश्नों को हल करने के लिए एक इंटरैक्टिव सत्र / पैनल चर्चा की योजना भी बनाई गई है।

With this background, a one day training workshop on “**Hydrometrological Disaster Management**” is being organized on May 15, 2018 through internet using online learning. The sessions would include lectures and demonstrations on RS and GIS applications in Hydro-meteorological disasters. At the end of the programme, an interactive session/panel discussion is planned to address your queries.

आपसे अनुरोध है कि इस पत्र को आप अपने संस्थान में व्यापक परिसंचरण करें और अपने छात्रों को कार्यशाला में भाग लेने और इस पहल का हिस्सा बनने के लिए प्रोत्साहित करें। कृपया निम्नलिखित लिंक पर फॉर्म भरकर कार्यशाला के लिए पंजीकरण करें जो पूर्णतः नि:शुल्क है।

You are requested to give this a wide circulation in your institute and encourage your students to attend the workshop and be a part of this initiative. Please register for the workshop by filling up the form at the following link which is free of cost.

https://elearning1.iirs.gov.in/edusat_lms/student_registration.php

कार्यशाला हेतु अधिक जानकारी प्राप्त करने के लिए आप praveen@iirs.gov.in और poonam@iirs.gov.in पर अपने प्रश्न भेज सकते हैं।

हम आपके सहयोग, समर्थन और सक्रिय भागीदारी के आकांक्षी हैं।

You may send your queries at praveen@iirs.gov.in and poonam@iirs.gov.in.

Looking forward for your cooperation, support and active participation,

आप अधिक जानकारी के लिए आईआईआरएस वेबसाइट <http://www.iirs.gov> / Edusat-News में भी जा सकते हैं।

You may also visit IIRS website <http://www.iirs.gov> in/Edusat-News for further details.

अभिन्नंदन सहित

With regards and best wishes,



(Prakash Chauhan)

Encl: Workshop Brochure

About Workshop

The IIRS outreach programme, which started in 2007 with 12 universities/ institutions has now grown substantially. Currently, about 768 universities / institutions spread across India are networked with IIRS. The online workshop is latest addition to the IIRS distance learning activities. The first online workshop in this mode is being organized on "Role of geospatial technology for hydro-meteorological hazards and disaster management". The remote sensing and GIS technology provides major input for hydro meteorological disasters, as well as it provides near real time flood inundation maps and damage assessment reports. The main aim of this workshop is to spread the awareness about importance of RS & GIS for hydro-meteorological disaster management and start a interaction between main stakeholders such as government agencies, academia, industry and NGOs working in this field.

Workshop Outline

This online workshop will cover following topics related to hydro-meteorological hazards and disaster management

- Role of space technology in disaster management with emphasis on hydro-meteorological disasters
- State governments experience in managing hydro-meteorological disasters
- Ground and space based meteorological inputs for hydro-meteorological disasters
- Flood mapping, monitoring & damage assessment using RS-GIS
- Cyclone related disasters and early warning using Earth observation and model data
- Flood early warning using integrated modeling approach

Finally a panel discussion will be conducted with all online users and expert panel

Target Participants

The course is designed for professionals from Central / State Govt. / Private Organizations / Academic Institutes/ NGO engaged in hydro-meteorological based regional and national projects; students and researchers aligned to research in disaster management.

Expected Outcome

The workshop will provide platform for interaction among professional working in disaster management and will enable flagging key issues on role of geospatial technology and future networking related to hydro-meteorological disaster management.

Workshop Registration

- Course updates and other details will be available on URL- <http://www.iirs.gov.in/Edusat-News/>
- To participate in this programme the interested organizations/ universities/ departments/ Institutes has to identify a coordinator at their end. The identified coordinator will register online his/her Institute as nodal center in IIRS website.
- All the participants has to register online through registration page by selecting his/her organization as nodal center.

Workshop Reception

Programme can be received through Internet connectivity of 2Mbps or better. Following hardware and software set-up is required at user end:

Hardware Requirements :

- High-end Computer/Laptop (Windows OS);
- Good quality web camera ;
- Headphone with Microphone;
- Speakers ;
- Large Display Screen (Projector or TV) .

Software and Internet Requirements:

Desktop based: A-VIEW software (free to download from www.aview.in or IIRS ftp link: <ftp://ftp.iirs.gov.in>)
Online live access through <http://live.iirs.gov.in> with free registration.

Connectivity & Other configurations:

NKN or any other high speed internet facility (preferably without firewall, with minimum of 2 Mbps bandwidth)
Network requirements: Port 80 and RTMP (port 1935) protocol should be unblocked from user's computer and Firewall.

Contact Details

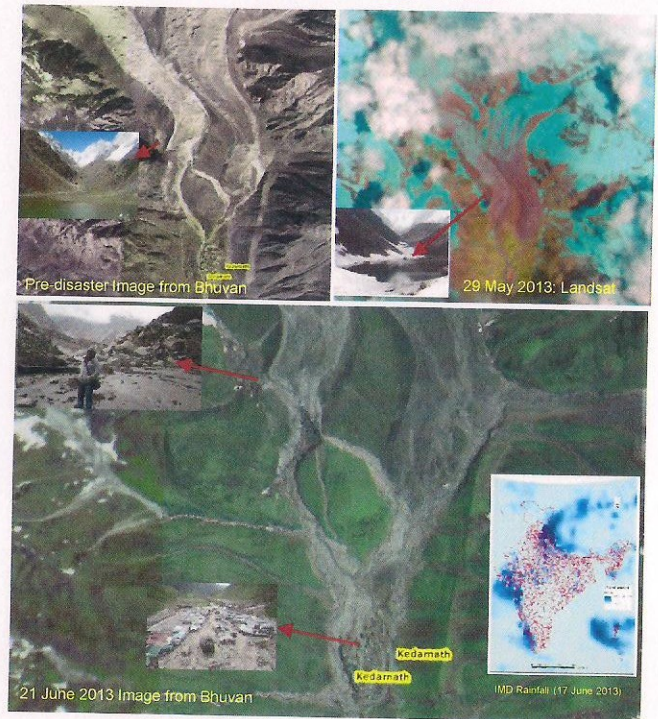
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IIRS Outreach Programme



One Day Online Workshop on Hydro-meteorological Disaster Management May 15, 2018



Organised by

Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
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www.iirs.gov.in