

Short Course
on
**Disaster Damage and Loss Assessment in
Natural Heritage and Cultural Sites
using Geospatial Techniques**

September 11, 2016 - October 02, 2016

Organised Jointly by



United Nations
Educational, Scientific and
Cultural Organization
**UNESCO Category 2 Centre on
World Natural Heritage Management and
Training for the Asia and the Pacific Region**



UNESCO Category 2 Centre
World Natural Heritage Management and
Training for the Asia and the Pacific Region



**Centre for Space Science & Technology
Education in Asia and the Pacific
(Affiliated to the United Nations)**



Conducted Jointly by



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

Wildlife Institute of India
(An Autonomous Institution of the Ministry of
Environment, Forest and Climate Change,
Government of India)
Chandrabani, Dehradun, Uttarakhand



Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space
Government of India
Dehradun, Uttarakhand



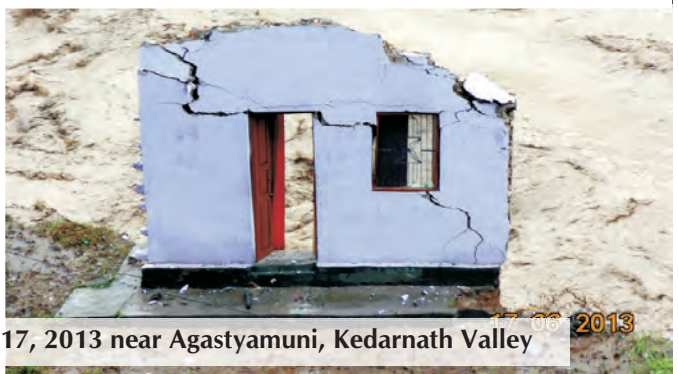
Background

The heritage sites have outstanding universal value from the point of view of science, history, society or art. These can be broadly categorized into natural and cultural sites. The natural heritage sites are the areas represented by natural features consisting of physical and biological formations with aesthetic or scientific universal value, geological and physiographical formations or areas constituting the habitats of threatened species of animals and plants important from science, conservation or natural beauty. The cultural sites include monuments which depict the architectural works, monumental sculptures, paintings, inscriptions, cave dwellings, architecturally important groups of buildings, sites of archaeological importance having historical, aesthetic, ethnological or anthropological importance, etc. It is important as well as our responsibility to identify, protect and conserve such areas for presentation and transmission to future generations. Most of the countries are aware of such requirement but due to lack of technical and scientific expertise,

awareness at local level, finance, social unrest and law and order issues these sites are deteriorating or vanishing over the time.

Cultural sites and Natural heritage area conservation in Asia and the Pacific region has been facing many challenges in recent decades as a result of extreme pressure exerted on these sites and ecosystems. Man to man as well as man-biodiversity conservation conflicts have worsened this situation. These pressures are a consequence of high density of the population, risk of catastrophic disasters, constant economic growth and persistent poverty. UNESCO World Heritage Centre in its second cycle of Periodic Reporting (2012) emphasized the need for capacity building for conservation of World Heritage properties in Asia and the Pacific.

Natural as well as Man-made (or man-induced) disasters cause immense damage to cultural and natural heritage structures. Each country is required to identify and list such property forming part of the cultural and natural heritage sites threatened by serious and specific dangers,



Loss of settlement due to flash floods on June 17, 2013 near Agastyamuni, Kedarnath Valley

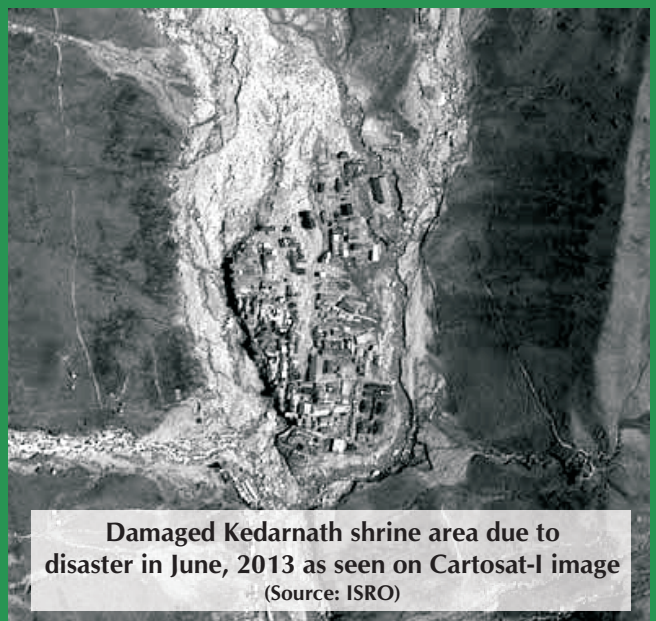


such as the threat of disappearance caused by accelerated deterioration, large-scale public or private projects or rapid urban or tourist development projects; destruction caused by changes in the use or ownership of the land; major alterations due to unknown causes; abandonment for any reason whatsoever; the outbreak or the threat of an armed conflict; calamities and cataclysms; serious fires, earthquakes, landslides; volcanic eruptions; changes in water level, floods, tidal waves, etc. Therefore, capacity building through education and information programmes, to strengthen appreciation and respect by their peoples towards the cultural and natural heritage using modern tools and technologies to identify, protect, conserve, manage and rehabilitate these areas is of paramount importance.

Geospatial technologies such as remote sensing, geographic information system, global positioning system, etc. have immense potential



to help to assess the damage and loss due to disasters. Very High resolution satellite and/or aerial remote sensing data are being used to map and monitor the heritage sites. Terrestrial Laser Scanning (TLS) and 3-D visualization techniques have opened new vistas for database creation of such monuments. This technique can play an important role in recording, rehabilitation and reconstruction of the cultural as well as heritage sites. Geospatial technologies coupled with ground surveys can play significant role in assessing the damage and loss due to frequent disasters such earthquakes, cyclones, floods, forest fires, landslides, armed conflicts, etc. The present programme is first short course on this important theme and will attempt to address some of these issues.





About CSSTEAP

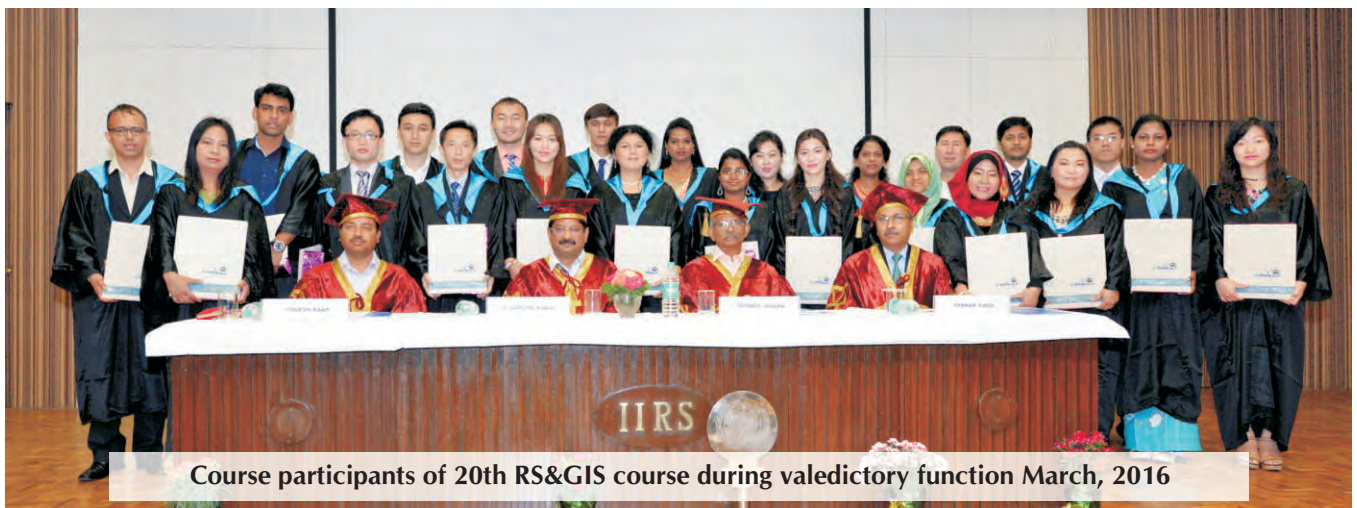
The Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) has completed 20 glorious years of imparting training and education in space science and technology education. Space science and technology is achieving new horizons to unravel the mysteries of this universe and in understanding the Earth and interplanetary processes. Society in developed countries have been able to realise the benefits in improving the quality of life of their people, whereas developing and underdeveloped countries are striving to catch up. Realizing the need that each country should have access to space technology and must share the benefits, the United Nations General Assembly resolution (45/72 of 11th December, 1990 and 50/27 of 6th December, 1995) endorsed the recommendation of Committee on the Peaceful Uses of Outer Space (COPUOS) that regional centres for space science and technology education should be established on the basis of affiliation to United Nations in developing countries. Capacity building to adopt and adapt the space technology for the societal benefit is an essential pre-requisite to fruitfully use these opportunities.

With an objective to enhance the capabilities of



CSSTEAP Student hostel

the member states in different areas of space science & technology that can advance their social and economic development, UN established its first centre in India in November 1, 1995 and named it as Centre for Space Science & Technology Education in Asia and the Pacific (CSSTEAP) with its headquarters in the campus of Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun. IIRS is premier institute in Asia Pacific Region since 1966 in the field of capacity building in the area of Earth Observation and other geospatial technologies. Government of India through Department of Space has made available appropriate facility and expertise to the Centre through the IIRS, Space Applications Centre (SAC) & Physical Research Laboratory (PRL) both in Ahmedabad and ISRO Satellite



Course participants of 20th RS&GIS course during valedictory function March, 2016

Centre (ISAC) in Bengaluru. Its programmes are financially supported by Government of India through Department of Space and UNOOSA. Other UN agencies such as UNESCAP Bangkok, UNSPIDER Beijing, UNDP in Asia, etc. also provide financial support. For disaster risk reduction related programmes SAARC Disaster Management Centre, New Delhi and International Water Management Institute in Indian and Sri Lanka also provided financial support.

Asia-Pacific region is culturally, geographically and climatically most diverse and is one of the most densely populated and disaster prone regions in the world. There is very strong need of Human resource development through academic excellence enabling all learners to reach their individual potential. Strategies for developing of human resources should be based on broad and long term perspectives of the regional needs and resources through capacity building. Space science and technology offers a wide range of innovative and cost effective solutions for sustainable development of resources in the region. An essential pre-requisite to partaking in these opportunities is to build various indigenous capacities for development and growth of technically and managerially competent human network at all levels who can use various aspects of space science, technology and applications for social and economic development of country. It is combined support and co-operation of the host country, the United Nations, the Governing Board members, Advisory Committee and faculty that has set the Centre through into 20 years of its service to make it an international INSTITUTION OF EXCELLENCE. A set of standard curricula and course syllabus developed by the United Nations is adopted for teach educational programmes. The Centre is affiliated to the United Nations and its educational programmes are recognized by Andhra University, India.

Centre and Campuses

In the past 20 years the Centre has attained high attainments and has become a Centre of Excellence in Asia Pacific Region. The Centre offers Post Graduate level and short-term courses at its host institutions in the fields of (a) Remote Sensing and Geographic Information System (RS & GIS) since 1996 at Indian Institute of Remote Sensing, Dehradun, (b) Satellite Communications (SATCOM) since 1997, (c) Satellite Meteorology and Global Climate (SATMET) since 1998, (d) Global Navigation Satellite Systems (GNSS) since 2015 at Space Applications Centre, Ahmedabad and (e) Space & Atmospheric Science (SAS) since 1998 at Physical Research Laboratory, Ahmedabad.

Role of the Centre

The Centre has grown into a nodal organization in the region responsible for comprehensive capacity building and aspires to further enhance its outreach in the region. The guiding principles of the Centre are as follows:

- Developing indigenous capacity building at local level
- Provision of technical advisory services in the region
- Provision of information in space science & technology
- Providing long-term fellowship programmes
- Organisation of technology transfer programmes and
- Facilitate advance research to its alumni
- Promotion of greater cooperation in space science & technology between developed countries and developing countries of Asia Pacific region, as well as amongst developing countries themselves.

Towards this, the Centre engages itself in educational and training programmes,



Impact of floods on wildlife in natural heritage sites

application activities, research and pilot projects, data management, extension activities and awareness programmes.

Goals of the Centre

The issues in the Asia-Pacific region make it imperative to generate self sustained and qualified human resources. The goals of the centre are:

- Increasing knowledge and understanding in Space science, technology and applications.
- Building/Enhancing national and regional capacity.
- Education, research and applications.
- Socio-Economic development, regional co-operation, support to international programmes, etc.

More details can be found at website: www.cssteap.org

Achievements

The Centre has organised 49 nine months long Post graduate programme in disciplines of Remote Sensing and Geographic Information System, Satellite Communication, Satellite Meteorology and Global Climate, Space and Atmospheric Sciences and Global Navigation Satellite Systems. On the above themes Centre

has also organised 44 short courses of five days to one-month. Nearly 1600 participants have benefitted from these programmes in last 20 years.

About UNESCO Category 2 Centre

The Convention Concerning the Protection of the World Cultural and Natural Heritage (the World Heritage Convention) was adopted by the United Nations Educational, Scientific and Cultural Organisation (UNESCO) General Conference at its 17th session in Paris on November 16, 1972 for the protection of cultural and natural heritage sites. The Convention came into force in 1975. India became a signatory to the Convention on November 14, 1977. According to UNESCO's strategy of decentralization for serving Member States more effectively by responding to their specific needs and particular circumstances, while drawing full benefit from the wealth of knowledge, experience and ideas accumulated or generated throughout the world, the World



Loss of cultural area due to disaster in June, 2013 in Kedarnath Valley

Heritage Centre has initiated a process of decentralization in matters related to the governance and implementation of the Convention through identifying countries and institutions that can help to better serve the

Convention. These Centres are categorized as Category 1 (which are an integral part of UNESCO) and Category 2 Centres (under the auspices of UNESCO but are not legally part of the Organization; they are associated with it through formal arrangements approved by the General Conference). Thus, 9 Category 2 Centres dealing with World Cultural Heritage have been established: China (2) while one each in Norway, Bahrain, South Africa, Mexico, Italy, Brazil and Spain. Since Asia Pacific region has very high Cultural Heritage sites, UNESCO carried a feasibility study to set up C2C Centre in India. The C2C at Wildlife Institute of India (WII), Dehradun, India is the first Centre globally to be established dealing with World Natural Heritage. C2C Centre in India aims to fill a gap in the region and would benefit from the extraordinary facilities and long experience of the WII, including at the international level. This is an unprecedented step towards protection and conservation of 59 existing Natural World Heritage sites and 11 Mixed World Heritage Sites and identification of potential sites with outstanding universal value across the 50 countries in Asia and the Pacific region to safeguard their future.

The Centre has been envisaged as an integral part of WII and would be governed by the Institute's Governing Body with Secretary (Environment, Forests & Climate Change) as its Chairperson and Director, WII as its Member Secretary. The nodal agency for the Convention in India is the Ministry of Human Resource Development while Ministry of Culture deals with cultural heritage sites, Ministry of Environment, Forests and Climate Change with natural heritage sites, and the Ministry of Railways with the mountain railways of India as cultural heritage. Government of India has provided financial support to run training activities.

Mission

The Centre's mission is to strengthen implementation of world heritage convention in Asia and the Pacific Region by building the capacity of all those professionals and bodies involved with world natural heritage site inscription, protection, conservation and management in Asia and the Pacific region, through training, research, dissemination of information and network building. The C2C's mandate currently extends to 50 countries in the Asia-Pacific region where more than 60 Natural World Heritage sites and 11 Mixed World Heritage Sites are currently inscribed.

Goals

The overall objective is to focus on natural heritage conservation issues with the aim to:

- Contribute to the strengthening of capacities in the management of Natural World Heritage in the region;
- Contribute to achieving a more balanced representation of properties from Asia and the Pacific on the World Heritage List;
- Raise awareness among the general public and the youth in particular of the importance of Natural World Heritage and the need to protect it; and
- Foster international cooperation on Natural World Heritage initiatives.

More details can be found on institute's website:
http://wii.gov.in/unesco_category2_centre

Who can apply?

The course is designed towards the professionals and specialists working in the government institutes, university systems, educational institutes, and involved in active research in conservation, protection, restoration of natural



heritage and cultural sites in Asia Pacific Region. Professionals working in Nodal Agencies and Ministries such as Environment, Forests, Climate change, Wildlife, Railways (involved in cultural heritage protection and management), Tourism involved in monument protection, Archaeological and historical sites/monuments surveys, protection, restoration, Geohazards and Disaster Risk Reduction and Management, National/State/Provincial Disaster Management Authorities, Resources management (biological and physical) and Environmental management are eligible to attend the course.

How to apply?

Applications are invited from candidates in countries of Asia and the Pacific Region. All the candidates need to be sponsored (i.e. endorsed) by recognized institutions (e.g. ministries, departments or universities in their respective countries). Sponsoring institutions/authority should ensure that on return, the scholar will be given opportunity to work in a development oriented activity in the area of newly acquired knowledge and skills. The application form can be downloaded from CSSTEAP or UNESCO C2C websites. Dully filled (complete in all aspects) application form after endorsement from the

employer along with copies of educational qualification, experience, English proficiency, medical certificates and also for women candidates pregnancy test report, etc. need to be submitted to the address given below on email, by post or fax. Wherever, these certificates are issued in a language other than English, the same may be translated in English and certified by the Head of the organization or provide certified English transcription of all such documents. The dully filled application needs to be forwarded either through applicant's Embassy or High Commission in India, or Governing Board member of CSSTEAP or UNESCO C2C in your country if applicable (details can be found on respective websites) or Indian Embassy/High Commission in your country. However, an advance copy of the application and documents/certificates mentioned above may be forwarded at the following address for advance action.

Course Director CSSTEAP RS&GIS

Indian Institute of Remote Sensing, ISRO
Department of Space, Govt. of India
4, Kalidas Road, Dehra Dun - 248 001
Uttarakhand, INDIA

Email : cssteap@iirs.gov.in

Phone : +91 135 2740787 / 2740737

Fax : +91 135 2741987

Website : www.cssteap.org

Eligibility for Admission

Master's degree in science, Life Sciences, Environmental Sciences, Social Science / 5 year Diploma in science (or arts), four years Graduate or Engineering degree in biological sciences (Forestry, Wildlife, Botany, Zoology, Plant Science, Ecology, Conservation Biology), Environmental Science/Management,



Cultural heritage site of Konark Temple in Orissa, India

Environmental Engineering, Architecture, Geography, Geohazards, Social Science or equivalent qualification relevant to the field of study with at least 5 years of experience in teaching/research or professional experience. Candidates with experience in application of Remote Sensing and Geographic Information System in natural and cultural resources management or Disaster Risk reduction and management of natural heritage and cultural sites will be preferred.

Course Fee and Fellowship

The course fee will be INR 15000 Approx. US\$ 225 per participant. Course fee will not be charged from government sponsored/nominated candidates. This is besides the international travel (to and from city of the course participant to course venue). The fellowship of INR 12,000 to undergo this training programme will be provided by Government of India through CSSTEAP to all the government sponsored/nominated and selected candidates. The accommodation and food will be supported by WII through UNESCO C2C to all the government sponsored candidates. However, the self-sponsored participants will be given preference and applicants are encouraged to find sponsoring agency to find suitable sponsorships or funding for meeting the expenses while attending the course in India.

Selection Procedure

The Centres will select candidates through a well laid procedure, which includes satisfying academic eligibility, proficiency in English language, forwarding by sponsoring authority/organization, funding, country representation, etc. Only selected candidates will be intimated by August 25, 2016 and list of selected candidates will also appear on web-sites

(www.cssteap.org and www.wii.gov.in/unesco_category2_centre). Preference in selection will be given to those candidates whose expenses will be borne by the candidate or sponsoring organisation/agency. Once a candidate has been sponsored and admitted, the sponsoring authority/organization or candidate need to inform well in advance for withdrawal or cancellation of the candidature. If the sponsoring authority wishes to call back its candidate after joining the Centre or in the middle of the course, the travel cost need to be borne by either sponsoring authority or by the candidate itself.

Important Dates

Course duration:

3 weeks from September 11, 2016 to October 2, 2016.

Final date of receipt of applications:

August 20, 2016

Announcement of selected candidates:

around August 22, 2016.

Issue of Admission letters:

by August 23, 2016.

Conduct of the Course

The medium of the instructions/teaching will be in English. Proficiency in written and spoken English is most essential. The candidates who are not proficient in English are advised not to apply. The course is jointly organised by CSSTEAP and UNESCO C2C and will be jointly conducted by respective host institutions in the respective campuses. The initial RS and GIS technology related topics will be taught at IIRS campus and thereafter at WII. The course will have hectic schedule, it will be good for the participants to read and apprise themselves about the subject before joining the courses. The broad topics will



Loss of cultural sites due to flood disaster

be made available on both the websites shortly.

FACULTY

Core faculty will be drawn from IIRS and WII. IIRS has completed 50 years of capacity building in the use space science and technology for natural resources management. More than 10000 participants from more than 95 countries from Asia and the Pacific, Latin America, Central Asia, Africa, etc. have been trained. WII, a premier institute of MoEF&CC, has completed 34 years existence and is well known for capacity building for wildlife conservation and protection in Asia Pacific Region. In addition, international subject expert in the area of application of space and technology for disaster risk reduction, damage and loss assessment, social issues, experts in post disaster recovery, rehabilitation, etc. will be invited to share their experience.

Educational Visits

As a part of the course curriculum, the participants will have the opportunity to visit a few cultural sites damaged sites due to disaster in the Greater Himalaya (4000 m). It is at very high altitude, and has very cold and freezing climates conditions. The culturally very important sites was damaged due to floods in 2013 and town-

ship in close-by as well as down stream were totally devastated. Therefore, candidates need to come prepared for travel, trekking gear and suitable clothing.

Accommodation

Boarding and lodging arrangement only for the selected participants will be made in the campus of Wildlife Institute of India on single occupancy basis. Food will be arranged at common place in the hostel and no separate kitchenette facility will be made available.

Insurance and Medical

Medical, life and disability insurance should be undertaken before leaving their country for India by the participants themselves or on their behalf by their sponsoring institute/ organization for covering entire health and disability risks. No medical expenses will be borne either by CSSTEAP or UNESCO C2C. However, participants who receive the fellowship of the Government of India will be paid medical expenses for minor ailments on actual basis (as out patients only) as and when such expenses are incurred. The expenses towards surgery, spectacles, dentistry and long-hospitalization need to be borne by the participants themselves. The Centre will have limited liabilities as far as medical expenses are concerned. Candidates in sound physical and mental health only need to apply.

About Host Institutes

**Indian Institute of Remote Sensing, ISRO,
Dept. of Space, Government of India**

The IIRS (est. 1966) is a unit of Indian Space

Research Organization, Department of Space, Government of India and is mandated for education/training in Remote Sensing, Geoinformation Science and GPS technologies. IIRS is a premier institution in imparting training and education in basic technologies and their applications for natural resource management in Asia Pacific region. The institute has very strong R&D programme. The endeavour of the institute has been to bring young, middle as well senior thematic experts from user communities to educate/appraise about technology/applications at Post Graduate level with the overall goal of 'technology transfer' and user awareness. The institute has evolved many programmes tuned to the different needs of various target groups. IIRS addresses the cause, awareness and research needs at different levels of management, and therefore, conducts a variety of courses for the different categories of users and fresh students viz., M. Tech., M.Sc., PG Diploma Courses, 4 months Certificate Courses, 2 months NNMRs sponsored courses for University faculty, 2 weeks on demand Special Courses and 1 week duration Overview Course for Decision Makers and tailor-made courses for users in India and abroad. IIRS has so far trained more than 10000 scientists/engineers. About 1000 foreign students from various countries of Asia-Pacific, Latin America and Africa have also benefitted by

IIRS under SHARES Fellowship Program of the Department of Space, ITEC/SCAAP fellowship scheme of the Ministry of External Affairs, Government of India, other fellowship schemes, etc. For further details please visit our website: <http://www.iirs.gov.in>

Wildlife Institute of India, MoEFF&CC, Government of India

Established in 1982, Wildlife Institute of India (WII, <http://wii.gov.in/>) is an internationally acclaimed Institution, which offers training program, academic courses and advisory in wildlife research and management. The Institute is actively engaged in research across the breadth of the country on biodiversity related issues. The main objectives of WII are to Build up scientific knowledge on wildlife resources; Train personnel at various levels for conservation and management of wildlife; Carry out research relevant to management including the development of techniques appropriate to Indian conditions; Provide information and advice on specific wildlife management problems; Collaborate with international organizations on wildlife research, management and training; Develop as a regional centre of international importance on wildlife and natural resource conservation. For further details please visit our website www.wii.gov.in.



C2C building under construction in Wildlife Institute of India campus

About the Dehradun City

Dehradun city, often called as Doon Valley, is at base of chain of one of tallest mountains in the world in Western Himalaya in northern India. It is one of the educational hubs in India. Weather is moderate during September to October. The hill station Mussoorie, the Queen of hills, is 30 km from here and experiences snow during winter. Fairly heavy monsoon rains (average annual rainfall 2000 mm) prevail

during June to September. Winter is severe during the months of November to February (minimum temperature occasionally touches 1 to 2 degree Celsius). The valley has good greenery and is surrounded by dense tropical to temperate forests and grasslands and provides pristine environment for academic pursuits. IIRS Campus is about 6 km and WII campus is about 8 km from railway station. The place is well connected by train from New Delhi, Kolkatta (Calcutta), Mumbai (Bombay), Lucknow and by road from New Delhi. By air it is well connected with Delhi. Haridwar and Rishikesh, the two famous pilgrim centres are about 60 and 40 km respectively from city. The Western Himalayas are well known for tracking and trails and river rafting.

Several important national organizations /institutions are located here. Some of important ones are: Wildlife Institute of India, Survey of India, Indian Council of Forestry Research and Education, Indira Gandhi National Forest Academy, Forest Survey of India, Oil and Natural Gas Corporation Limited, Central Soil and Water Conservation Research and Training Institute, Botanical Survey of India, Zoological Survey of India, Archaeological Survey of India, Anthropological Survey of India, Geological Survey of India, Indian Military Academy, etc. There are a large number of tourist places in and around the city.



CSSTEAP Headquarters
IIRS Campus
4, Kalidas Road
Dehradun 248001 (INDIA)
Tel.: +91 135 2740737, 2740787
Fax: +91 135 2740785
E-mail: cssteap@iirs.gov.in
Website: www.cssteap.org

SAC Campus
Space Application Centre
Indian Space Research Organisation
Ambavadi Vistar P.O.
Jodhpur Tekra
Ahmedabag 380058 (INDIA)
Tel.: +91 79 26913608
Fax: +91 79 26915821

ISAC Campus
ISRO Satellite Centre
Vimanpura Post
Bengaluru 560017 (INDIA)
Tel.: +91 80 25205252
Fax: +91 80 25205251

IIRS Campus
Indian Institute of Remote Sensing
Indian Space Research Organisation
4, Kalidas Road
Dehradun 248001 (INDIA)
Tel.: +91 135 2744583
Fax: +91 135 2741987

PRL Campus
Physical Research Laboratory
Department of Space
Navrangpura, Ahmedabad 380009 (INDIA)
Tel.: +91 79 26302275
Fax: +91 79 26302275

New Delhi Office
Department of Space
Lok Nayak Bhawan
3rd floor, Khan Market
New Delhi 110003 (INDIA)
Tel.: +91 11 24694745
Fax: +91 11 24693871

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Wildlife Institute of India
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P.O. Box 18, Chandrabani, Dehradun, Uttarakhand
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Tel.: +91 135 2640114-15, 2646100
Fax: +91 135 2640117
E-mail: wii@wii.gov.in



UNESCO Category 2 Centre on
World Natural Heritage Management and
Training for the Asia and the Pacific Region

Centre for Space Science & Technology
Education in Asia and the Pacific
(Affiliated to the United Nations)

APPLICATION FORM FOR SPECIAL SHORT COURSE ON DISASTER DAMAGE AND LOSS ASSESSMENT
IN NATURAL HERITAGE AND CULTURAL SITES USING GEOSPATIAL TECHNIQUES
(SEPTEMBER 11, 2016 TO OCTOBER 2, 2016)

conducted at
Indian Institute of Remote Sensing (ISRO), Dehradun, India
and
Wildlife Institute of India, MOEFCC, Dehradun, India

(For office use only)

Application No.:

Date received:

AFFIX RECENT
PASSPORT SIZE
PHOTOGRAPH

Important:

All the correspondence from CSSTEAP and UNESCO C2C (issue of admission letter, e-tickets for travel, enquiries, etc) with prospective applicants will be on internet and sometimes on phone (Home/ Office), therefore kindly ensure that email-id, phone, fax, etc, are correctly and clearly mentioned.

(Please type or write in CAPITAL LETTERS)

1. Name: (As mentioned in the passport)

Dr./Mr./Ms./
First Middle Last

2. Father's Name : 3. Name of mother/husband/wife.....

4. Date of Birth (DD/MM/YYYY) 5. Place of Birth:

6. Gender (Male/Female) 7. Nationality:

8. Contact Information: Present official Address (Valid until date.....)

.....
.....
.....

Contact number (Please give complete Phone no. with country and city codes)

Office (Tel) Office (Fax).....

Mobile:.....E-mail(s)

Important:

- Interested persons may detach last 4 pages from this brochure and use them as Application Form.
- It is essential that full passport details are mentioned in the Application Form or provided to the Centre at the earliest.
- Application Forms without passport details may not be considered, however their information can be added or sent later on also.
- Providing alternate email-id would ensure timely communication with applicants.
- Please note, for faster communication with the applicants, CSSTEAP Secretariat will be using your email-id for all purposes (e.g. admission letter, air tickets and logistic arrangements)

9. Permanent home Address (in your country)

.....

.....

.....

Contact number (Please give complete Phone no. with country, city codes which will be useful to contact your family members in the case of emergency)

Home (Tel) Home (Fax).....

E-mail (alternate, preferably Gmail or Yahoo).....

10. Nearest international airport (Specify the place/city):.....

11. ACADEMIC QUALIFICATIONS (mandatory)*

Degree / (Batchelor/ Master/Diploma)	Duration of Course (mention from which year to year)	University / Institution	Year of Passing	Grade / percentage/ credit	Major Subjects/specialization

*(Enclose copies of Degree/Diploma/Certificates/marks/grades obtained etc. and their certified transcription in English)

Major Subject(s) in last examination:Area of Specialization.....

Medium of instruction/languageTOEFL Score (Proficiency in English).....

Reading Fair/Good/Very Good

Writing Fair/Good/Very Good (Please tick the option)

Spoken Fair/Good/Very Good

Please enclose certified copies of marks/grades of degree, diploma, credits TOEFL (validity period), etc certificates and their certified translations in English).

12. DETAILS OF EXPERIENCE OF LAST FIVE YEARS

(a) Present Position Present Responsibilities*

.....

Organization and Complete Address.....

.....

Date of joining this Organization (dd/mm/year)

* Attach additional sheets giving details of your technical activity during last one year.

(b) Research or working experience during past 15 years:

Name of Organization (s)	Position(s)/ Post (s) held	Nature of work done	Duration

13. (a) Activities & Projects in which your present organization is engaged (mandatory) and nature of work done by you.

.....

.....

.....

- (b) Main Scientific/Technical facilities available in your organization *(including approximate number and type of computers, type of software available, etc.)

.....

.....

.....

14. Have you done any other course from CSSTEAP and UNESCO C2C (If yes, please give details including theme and year).

.....

15. How this course will help you in your work/organization? Please describe below :

.....

.....

16. DETAILS OF PASSPORT: Please provide valid passport details below and if not holding a valid passport please forward copy of the passport whenever available.

Passport Number (personal or official)	Place of Issue (City and Country)	Date of issue	Passport valid up to	Issuing Authority	Whether previously visited India if so place and date of last visit

17. PHYSICAL FITNESS:

- a) Are you suffering from any recurring/chronic/serious communicable disease which may affect your study program in India?
- b) If yes, please specify nature of illness (Candidates are advised to attach medical fitness certificate from a government hospital or government recognized hospital on hospital letter head)

18. How do you propose to meet the international travel & stay expenses in India? (preference will be given to those who will make their own travel or both travel and stay arrangement himself/herself).....

.....

19. Stalking, smoking and drinking of alcohol in the office premise is not permitted. The participants are expected to wear proper and decent dress while in the campus and classroom as well as during field visit and educational tours.

20. The selected candidate need to abide by rules and regulation of the institute and maintain discipline harmony and will not indulge in unlawful activities in campus hostel or during educational and field visits.

21. DECLARATION BY THE CANDIDATE

I have read the announcement brochure and will abide by the rules and regulations of the Centre. I have made / am making / have not made travel arrangements for attending the course and local expenses for the period of stay in India.

Date :

Place :

Signature of Candidate
(Mandatory)

22. SPONSORING NOMINATING AGENCY CERTIFICATE

Mr./Ms.....working in this organization is nominated and/or sponsored by.....to attend the Special short course on Disaster Damage and Loss Assessment in Natural Heritage and Cultural sites using Geospatial Techniques, to be held at Indian Institute of Remote Sensing ISRO and Wildlife Institute of India, Dehradun, India during September 11, 2016 - October 2, 2016. We envisage to utilize his/her experience in specific tasks of our organization/agency. The candidate will be allowed to carry out a Research Project after his/her return to this country and will be provided with all the facilities required for the same.

a) He/She will be / will not be provided international travel support.

☐

b) He/She will be/will not be provided financial assistance for the period of stay in India.

☐

c) He/She possesses adequate knowledge of English Language required for the course

☐

(Mandatory:
please tick
appropriate
option)

Date:.....	Signature:
Place:.....	Name in Capital Letters:
Mandatory	Designation:
	Phone No:
	Fax No:
	E-mail:
(Official seal of the sponsoring / nominating authority including CSSTEAP GB Member)	
Note: Application without official seal of sponsoring or nominating authority and their details will not be considered	

23. FORWARDING NOTE BY THE RESPECTIVE INDIAN EMBASSY/HIGH COMMISSION IN YOUR COUNTRY OR YOUR EMBASSY/HIGH COMMISSION IN INDIA.

This is to forward the application of Mr./Ms.....of(Specify the Country Name here) for the three weeks Special short course on Disaster Damage and Loss Assessment in Natural Heritage and Cultural sites using Geospatial Techniques of CSSTEAP and UNESCO C2C, to be held at Indian Institute of Remote Sensing, ISRO and Wildlife Institute of India, Dehradun, India, during September 11, 2016 to October 2, 2016.

Date:

Signature:

Place:

Name:

Designation:

Phone No.:

Fax No.:

Email:

N.B. Please send an advance copy of the application form duly signed by the nominating/sponsoring agency to the Course Director, RS & GIS, CSSTEAP, Indian Institute of Remote Sensing by fax (+91 135 2740785) or on email (cssteap@iirs.gov.in) for quick processing.

IMPORTANT

- The Application which is not complete in all respects is likely to be rejected.
- Candidates must attach copies of certificates of:
 - a) Medical fitness to attend the course including Chest X-ray (PA), Blood Test (including Random Blood Sugar, HIV, Pregnancy HBs, Ag, Urine complete) (in case any medical information requiring attention is hidden and if found during the course, the centre will be compelled to send the candidate back home at the cost of nominating agency or the candidate.
 - b) Expecting mothers are advised not to apply for this course.
 - c) Stalking, smoking and consuming alcoholic drinks in class room and office campus is prohibited.
 - d) Attach copy of Highest degree obtained (Degree certificate and marks sheet/grade card)
 - e) Proof of Proficiency in English needs to be provided or certificate by the nominating agency is to be provided.
 - f) Attach copy of All Degree Certificates, if not in English, may please be translated in English and attested by the Head of the organization or transcript in English can also be submitted and authenticated appropriately.