



Ministry of Environment, Forest  
and Climate Change



Government of India



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**REGIONAL WORKSHOP OF ENVIS CENTRES:  
NATIONAL ENVIRONMENT SURVEY- a Grid based Decision Support System  
(GRIDSS) for Sustainable Management of Natural Resources**

**(18<sup>th</sup> -19<sup>th</sup> December, 2018)**

**Ministry of Environment, Forest and Climate Change**

**At- Hotel Swosti Premium, Bhubaneswar**

**Objective:** Inventorying, mapping grid selection and monitoring of natural resources in India based on the bio-geographic zones - namely, Himalayan; North-Eastern; Gangetic Plains; Semi-Arid/Desert; Western Ghats, Islands & Coastal; and the Deccan Peninsula – using grid based strategy.

**Bio-geographic zone:** (Islands, Western Ghats and Coastal Region)

**Duration:** 18<sup>th</sup>-19<sup>th</sup> December 2018

**Organised by:** Centre for Environmental Studies (CES), Department of Forest and Environment, Government of Odisha, Bhubaneshwar

**Workshop Overview:**

1	Methodology of selection of Grid of selected district
2	Methodology of surveying within the Grid/Aspect of surveying within the grid and its outcome
3	Valuation of Ecosystem services
4	Mobile data collector: Collection of data from fields
5	Working Methodology using ArcGIS for ENVIS Spatial Data base Management
6	Technology Demonstration of ENVIS Spatial Data Management



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## PROGRAMME SCHEDULE

<b>FIRST DAY: 18-12-2018</b>	
<b>9:00 -10:00 AM</b>	<b>Registration</b>
<b>10:00 -10:30 AM</b>	<b>Inauguration Section</b>
10:00-10:05 AM	Presentation of floral bouquets to the Guests
10:05-10:10 AM	Inauguration of the programme by Additional Chief Secretary to Government, Forest & Environment Department, Odisha by Lighting the lamp
10:10-10:15 AM	Welcome Address by Prof. Dr. Ashutosh Debata, Director, CES-cum-Coordinator, ENVIS Hub
10:15-10:20 AM	Key Note Address by the Chief Guest, Shri Suresh Chandra Mahapatra, IAS, Additional Chief Secretary to Government, Forest & Environment Department
10:20-10:25 AM	Presidential Address by Dr. Anandi Subramanian, Principal Advisor, MoEF&CC, Govt. of India
10:25-10:30 AM	Vote of thanks
<b>10:30-10:45 AM</b>	<b>TEA BREAK</b>
10:45-11:00 AM	Presentation by ENVIS HUB & Evaluation on Gujarat Ecology Commission (GEC)
11:00-11:15 AM	Presentation by ENVIS Resource Partner & Evaluation on Centre for Ecological Sciences (CES), Indian Institute of Science (IISc)
11:15-11:30 AM	Presentation by ENVIS HUB & Evaluation on Kerala State Council for Science, Technology and Environment (KSCSTE)
11:30-11:45 AM	Presentation by ENVIS HUB & Evaluation on Department of Environment & Forests, Lakshadweep
11:45-12:00	Presentation by ENVIS Resource Partner & Evaluation on Bombay Natural History Society (BNHS)
12:00-12:15 PM	Presentation by ENVIS Resource Partner & Evaluation on Centre for Advanced Study in Marine Biology (CASMB)
12:15-12:30 PM	Presentation by ENVIS Resource Partner & Evaluation on Institute for Ocean Management (IOM)



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12:30-12:45 PM	Presentation by ENVIS Resource Partner & Evaluation on Salim Ali Centre for Ornithology and Natural History (SACON)
12:45-1:00 PM	Presentation by ENVIS HUB & Evaluation on East Godavari River Estuarine Ecosystem (EGREE) Foundation, Andhra Pradesh.
1:00-1:15 PM	Presentation by ENVIS HUB & Evaluation on Centre for Environmental Studies (CES), Department of Forest and Environment, Government of Odisha.
<b>1:15 – 2:15 PM</b>	<b>LUNCH BREAK</b>
2:15 PM - 2:45 PM	Presentation on Methodology of selection of grid, aspect of surveying & Outcome of survey within the grid including ESZ mapping.
2:45 PM - 4:15 PM	Presentation on Working Methodology using ArcGIS for ENVIS Spatial Data base Management: ESRI
<b>4.15 PM - 4.30 PM</b>	<b>Tea break</b>
4:30 PM - 6:00 PM	Configuring the Project using Collector for ArcGIS and Field Data Collection by All ENVIS Centers from different locations
<b>SECOND DAY: 19-12-2018</b>	
9:00 - 9.30 AM	Field Data Reporting on Web Interface collected on Day 1: ESRI
9:30 - 11:00 AM	Technology Demonstration of ENVIS Spatial Data Management: Spatial and Non Spatial Data Creation/Integration, Publishing the integrated data as Service, Creation of Web GIS Interface (Web Application) for Web Analysis, Online Editing, Integration of Collector for ArcGIS with Web GIS Interface for Real Time Data Update.
<b>11:00 - 11:15 AM</b>	<b>Tea break</b>
11:15 - 12:30 PM	Hands-On by Every ENVIS Centre using their Data as Demonstrated: ESRI
12.30 PM-1.00 PM	Review of Project prepared by Every Centre: ESRI
1.00 PM - 1.30 PM	Valedictory Session & Vote of Thanks
<b>1.30 PM</b>	<b>Lunch</b>
<b>End of the Session</b>	