

Government of India  
Ministry of Environment, Forest & Climate Change  
(EI Division)

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**Annual Progress Report (2017-18) CPCB ENVIS Centre**

<b>1. Name of Host Organization:</b>	CENTRAL POLLUTION CONTROL BOARD
<b>2. Assigned Subject Area:</b>	Control of Pollution (Water, Air, & Noise)
<b>3. Date/Month/Year of establishment of ENVIS Centre:</b>	September 14, 1983
<b>4. Name and designation of ENVIS Coordinator (2016-17):</b>	Sh. G. Ganesh, Scientist 'D', & I/c Library
<b>5. Has the Host Organization constituted an Advisory Committee for guiding the activities of the Centre?</b>	Yes
<b>Composition of the Advisory Committee:</b> (Select YES or NO: if YES kindly fill the right column space; if NO kindly leave it blank) <input type="radio"/> YES <input type="radio"/> NO	Advisory Committee is planning to reconstitute since most of the member were superannuated.

<b>6. Current ENVIS Staff Structure:</b>								
	Name	Position held	Qualification and Experience	Joining Date in ENVIS Centre	Joining Date in current position	2017-18		
						Leaving Date (if applicable)	Emoluments drawn (Rs.)	
Monthly	Annual							
Hemlata	Senior Information Officer	<b>Qualification:</b> Masters in Computer Application (MCA), O Level, PGDCA <b>Experience:</b> 17 years (9 years in other organizations and 8 years in CPCB ENVIS)	13.04.2009	13.04.2009	N/A	29,299	3,51,588/-	
Prem Raj	IT Officer	<b>Qualification:</b> M.A., M.A.J.M., 1 year Diploma in Computer Applications & Programming <b>Experience:</b> 9 years	09.04.2009	09.04.2009	N/A	23,696/-	2,84,352/-	

<b>7.</b>	<b>Mandate of the Host Organization</b>	<b>Mandate of the ENVIS Centre</b>
	The Central Pollution Control Board (CPCB), statutory organization, was constituted in September, 1974 under the Water (Prevention and Control of Pollution) Act, 1974. Further, CPCB	• Collection, collation, and dissemination of information on Control of

<p>was entrusted with powers and functions under the Air (Prevention and Control of Pollution) Act, 1981.</p> <ol style="list-style-type: none"> <li>1. Advise the Central Government on any matter concerning prevention and control of water and air pollution and improvement of the quality of air,</li> <li>2. Plan and cause to be executed a nation-wide programme for the prevention, control or abatement of water and air pollution,</li> <li>3. Co-ordinate the activities of the State Board and resolve disputes among them,</li> <li>4. Provide technical assistance and guidance to the State Boards, carry out and sponsor investigation and research relating to problems of water and air pollution, and for their prevention, control or abatement,</li> <li>5. Plan and organise training of persons engaged in programme on the prevention, control or abatement of water and air pollution,</li> <li>6. Organise through mass media, a comprehensive mass awareness programme on the prevention, control or abatement of water and air pollution,</li> <li>7. Collect, compile and publish technical and statistical data relating to water and air pollution and the measures devised for their effective prevention, control or abatement,</li> <li>8. Prepare manuals, codes and guidelines relating to treatment and disposal of sewage and trade effluents as well as for stack gas cleaning devices, stacks and ducts,</li> <li>9. Disseminate information in respect of matters relating to water and air pollution and their prevention and control,</li> <li>10. Lay down, modify or annul, in consultation with the State Governments concerned, the standards for stream or well, and lay down standards for the quality of air; and, to perform such other function as may be prescribed by the Government of India.</li> </ol>	<p>Pollution (Water, Air, &amp; Noise) and all related aspects of the environment which will be of immense use to decision-makers, policy planners, research organizations, stakeholders, and to general public.</p> <ul style="list-style-type: none"> <li>• Under the revamped ENVIS Scheme, various new initiatives has be undertaken by ENVIS Hubs (erstwhile State ENVIS Centres) and ENVIS Resource Partners (RPs) - (erstwhile ENVIS Thematic Centres), in addition to the existing mandate, which include Green Skill Development Programme (GSDP), Grid Based Decision Support System (GRIDSS)- for Sustainable Management of Natural Resources and Building Community-driven Environmentally Sustainable Village Program (CESVP).</li> </ul>
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## 8. Databases:

## 8.1. Catalogue of Non-numeric Databases compiled by the ENVIS Centre till date:

Name of Database	Description (in brief)	Data type (Descriptive/ graphical/ geospatial/ etc.)	Status of Updation/ Periodicity/ Data Points Compiled (including date/month/year of last data point)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
• <b>Air Quality</b>	• Air Pollution Mandate (Air prevention and control of Pollution Act, 1981), functions of SPCBs,	Descriptive	Since inception	Host Organization	Yes
	• <b>Objective</b> of NAMP				
	• Monitoring Networks Frequency and parameters monitored and number of monitoring stations	Descriptive, Tabular	31.03.2018		
	• Findings of Air Pollution and Non Attainment cities		2008 – 2010		
	• Ambient Air Quality Standards		November 2009		
	• WHO Guidelines for air quality		Up to date		
	• Air quality trends in 46 Million Plus Cities in Annual Average concentration of SO <sub>2</sub> , NO <sub>2</sub> , and PM <sub>10</sub>	Graphical	2000 – 2012		
• Air quality levels in 46 Million Plus cities (parameter wise)	2012				
• <b>Air Quality Database</b>	• <b>Special Monitoring Data</b> of Ambient Air levels during Deepawali	Descriptive and Press Releases	2007 – 2017	Host Organization	Yes
• <b>Air Pollution &amp; Control</b>	• <b>Introduction and sources of air pollution</b> contains definition and various sources	Descriptive & Pictorial	Up to date	Misc. Books, Web	Yes
	• <b>Air Pollutants</b>				

	depicts classification of Air Pollutants				
	<ul style="list-style-type: none"> <li>• <b>Effects of Air Pollutants</b> contains environment &amp; health aspects</li> </ul>	Descriptive, Tabular, & Pictorial			
	<ul style="list-style-type: none"> <li>• <b>Controlling Measures of Air Pollution</b> describes various controlling methods &amp; technologies</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• <b>Recent Developments</b> describes about the latest technologies available to control air pollution</li> </ul>				
<ul style="list-style-type: none"> <li>• <b>Water Quality</b></li> </ul>	<ul style="list-style-type: none"> <li>• Mandate for Water Quality</li> </ul>	Descriptive	Since inception	Host Organization	Yes
	<ul style="list-style-type: none"> <li>• Monitoring network of National Water Quality Monitoring Programme</li> </ul>	Descriptive / Graphical, Tabular	Up to 2017		
	<ul style="list-style-type: none"> <li>• Findings Highest observed BOD levels</li> </ul>	Tabular	2012		
	<ul style="list-style-type: none"> <li>• Polluted River Stretches - state wise, river wise</li> </ul>	Descriptive	Up to 2017		
	<ul style="list-style-type: none"> <li>• Parameters under National Water Quality Monitoring Programme</li> </ul>	Tabular			
	<ul style="list-style-type: none"> <li>• Water quality monitoring stations – state / UTs</li> </ul>				
	<ul style="list-style-type: none"> <li>• Water quality criteria showing Use based classification of surface water in India</li> </ul>				
	<ul style="list-style-type: none"> <li>• WHO Guidelines for Drinking water quality</li> </ul>	Descriptive, Tabular	Up to date		
	<ul style="list-style-type: none"> <li>• Water quality trends parameter wise BOD, TC, FC</li> </ul>	Graphical	1995 – 2012		
	<ul style="list-style-type: none"> <li>• Water quality trends in rivers</li> </ul>		2002 – 2012		
<ul style="list-style-type: none"> <li>• <b>Water Pollution &amp; Control</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Introduction and sources of water pollution</b> contains</li> </ul>	Descriptive & Pictorial	Up to date	Misc. Books, Web	Yes

	<ul style="list-style-type: none"> <li>definition and various sources</li> <li><b>Water Pollutants</b> depicts classification of Water Pollutants</li> <li><b>Effects of Water Pollutants</b> contains environment &amp; health aspects</li> <li><b>Controlling Measures of Water Pollution</b> describes various controlling methods &amp; technologies</li> <li><b>Recent Developments</b> describes about the latest technologies available to control water pollution</li> </ul>				
<ul style="list-style-type: none"> <li><b>Noise Pollution</b></li> </ul>	<ul style="list-style-type: none"> <li>Mandate &amp; Objective</li> </ul>	Descriptive	Up to date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>Monitoring networks contains Noise monitoring network across the country</li> </ul>	Descriptive & Tabular			
	<ul style="list-style-type: none"> <li>Findings</li> </ul>	Descriptive	Up to date		
	<ul style="list-style-type: none"> <li>Noise pollution (Regulations and Control) Rules, 2000</li> </ul>	Information in pdf	Up to Date		
	<ul style="list-style-type: none"> <li>Authority list for implementation of Noise rules 2000</li> </ul>				
	<ul style="list-style-type: none"> <li>Noise limits for vehicles</li> </ul>				
	<ul style="list-style-type: none"> <li>Noise standards for Fire Crackers</li> </ul>				
	<ul style="list-style-type: none"> <li>Fire Crackers notification Gazette March 2013</li> </ul>				
<ul style="list-style-type: none"> <li><b>Noise Pollution</b></li> </ul>	<ul style="list-style-type: none"> <li>WHO Guidelines for Noise quality</li> </ul>	Descriptive & Tabular	Up to date	Web	Yes
<ul style="list-style-type: none"> <li><b>Noise Pollution and Control</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Introduction and sources of Noise Pollution</b> contains definition and various sources</li> </ul>	Descriptive & Pictorial	Up to date	Misc. Books, Web	Yes
	<ul style="list-style-type: none"> <li><b>Properties and Measurements of Noise</b></li> </ul>	Descriptive & Graphical			
	<ul style="list-style-type: none"> <li><b>Effects of Noise</b></li> </ul>	Descriptive			

	<p><b>Pollution</b> shows environment &amp; health aspects</p> <ul style="list-style-type: none"> <li>• <b>Controlling Measures of Noise Pollution</b> describes various controlling methods &amp; technologies</li> <li>• <b>Recent Developments</b> describes about the latest technologies available to control noise pollution</li> </ul>	& Pictorial			
<ul style="list-style-type: none"> <li>• <b>Industrial Pollution</b></li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive Environmental Pollution Index (CEPI)</li> </ul>	Descriptive	Up to date As per approved data available till date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>• Monitoring Protocol in Critically Polluted areas</li> </ul>	Descriptive & Tabular			
	<ul style="list-style-type: none"> <li>• Parameters for monitoring</li> </ul>	Descriptive			
	<ul style="list-style-type: none"> <li>• Critically Polluted Industrial clusters / areas</li> </ul>	Descriptive & Tabular			
	<ul style="list-style-type: none"> <li>• Revised concept of CEPI</li> </ul>	Descriptive			
	<ul style="list-style-type: none"> <li>• Categorization of Industrial Sectors</li> </ul>	Descriptive & Pictorial			
<ul style="list-style-type: none"> <li>• <b>Bio-Medical Waste</b></li> </ul>	<ul style="list-style-type: none"> <li>• Bio-Medical Waste (BMW)</li> </ul>	Descriptive	Up to date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>• Segregation at source and categories of BMW</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Treatment &amp; Disposal Options of BMW</li> </ul>	Descriptive & Tabular			
	<ul style="list-style-type: none"> <li>• Color coding &amp; type of container for disposal of BMW</li> </ul>				
	<ul style="list-style-type: none"> <li>• Label for BMW containers / bags</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• New technologies for treatment of BMW</li> </ul>				
	<ul style="list-style-type: none"> <li>• Bio-Medical Waste (Management and Handling) Rules, 2016</li> </ul>	Descriptive			
	<ul style="list-style-type: none"> <li>• Other information</li> </ul>	Descriptive, Tabular, & Pictorial			

<ul style="list-style-type: none"> <li>• <b>Treatment, Storage, and Disposal Facilities (TSDFs)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Treatment, Storage, and Disposal Facilities (TSDFs)</li> </ul>	Descriptive	Up to date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>• State-wise availability of Common Hazardous Waste TSDFs</li> </ul>	Descriptive & Tabular			
<ul style="list-style-type: none"> <li>• <b>Green Technology</b></li> </ul>	<ul style="list-style-type: none"> <li>• Green technology - an introduction</li> </ul>	Descriptive	2017	Web	Yes
	<ul style="list-style-type: none"> <li>• Need of green technology</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Categories of green technology</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Applications of green technology</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Scheme on labelling of environment friendly products (eco-mark)</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Advantages and disadvantages of green technology</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>• Strengths and future of green technology</li> </ul>	Descriptive			
	<ul style="list-style-type: none"> <li>• Green technology in news</li> </ul>	Descriptive & Pictorial			
<ul style="list-style-type: none"> <li>• <b>BHUVAN (GIS) on ENVIS website</b></li> </ul>	<ul style="list-style-type: none"> <li>• Water</li> <li>• Air</li> <li>• Noise</li> <li>• Waste</li> </ul>	Geospatial	Up to 2016	Host Organization	Yes
<ul style="list-style-type: none"> <li>• <b>Latest Update</b></li> </ul>	<ul style="list-style-type: none"> <li>• CPCB ENVIS Publication "Green Book" promoted by Vridhi Foundation</li> </ul>	Informative	Up to date	ENVIS Centre	Yes
	<ul style="list-style-type: none"> <li>• Odd-even scheme (15th- 30th April 2016) Assessment on Air Quality of Delhi</li> </ul>	Information in pdf		Host Organization	
	<ul style="list-style-type: none"> <li>• Odd-even scheme (1st-15th January 2016) Assessment on Air Quality of Delhi</li> </ul>				

	<ul style="list-style-type: none"> <li>Air Quality Index (AQI)</li> <li>Environmental Standards</li> <li>Environmental Legislations</li> <li>CPCB ENVIS Advisory Committee</li> </ul>	Link information		MoEF&CC	
				Host Organization	
<ul style="list-style-type: none"> <li><b>Publications</b></li> </ul>	<ul style="list-style-type: none"> <li>Knowledge Products / Newsletters</li> <li>Annual Progress Reports</li> <li>Publication List</li> </ul>	Descriptive	2017	ENVIS knowledge products / Newsletters / Analytical studies, Posters, & Information kits	Yes
				ENVIS & CPCB	
				CPCB	
<ul style="list-style-type: none"> <li><b>Kids Corner</b></li> </ul>	<ul style="list-style-type: none"> <li>Environment Calender</li> <li>Do's and Dont's</li> <li>Posters</li> <li>Quiz</li> <li>Carbon Footprint Calculator</li> <li>Downloads section</li> </ul>	<ul style="list-style-type: none"> <li>Tabular</li> <li>Descriptive &amp; Tabular</li> <li>Pictorial</li> <li>Questionnaire</li> <li>Online Tool</li> <li>pdf(s)</li> </ul>	Up to date	<ul style="list-style-type: none"> <li>Web</li> <li>CPCB</li> <li>Zonal Offices, CPCB</li> <li>Web</li> <li>ENVIS knowledge products, CPCB Library</li> </ul>	Yes
<ul style="list-style-type: none"> <li><b>Latest News</b></li> </ul>	<ul style="list-style-type: none"> <li>News clippings related to Environment</li> </ul>	Informative	2009 - 2017	Various national newspapers	Yes
<ul style="list-style-type: none"> <li><b>Glossary</b></li> </ul>	<ul style="list-style-type: none"> <li>Alphabetical list of terms</li> </ul>	Informative	Up to date	Web	Yes
<ul style="list-style-type: none"> <li><b>On Demand Publications</b></li> </ul>	<ul style="list-style-type: none"> <li>Scanned CPCB Publications</li> <li>Gray Literature</li> </ul>	Informative	2017	CPCB Library	Yes
<ul style="list-style-type: none"> <li><b>Events &amp; Activities</b></li> </ul>	<ul style="list-style-type: none"> <li>Seminars, Workshops of ENVIS</li> <li>Upcoming events</li> </ul>	Informative	Up to date	ENVIS	Yes
<ul style="list-style-type: none"> <li><b>Bibliography</b></li> </ul>	<ul style="list-style-type: none"> <li>Referral services and links to research papers</li> </ul>	Informative	Up to date	Web	Yes
<ul style="list-style-type: none"> <li><b>About us</b></li> </ul>	<ul style="list-style-type: none"> <li>About ENVIS &amp; Host Organization</li> </ul>	Informative	Up to date	ENVIS	Yes
<ul style="list-style-type: none"> <li><b>ENVIS Network</b></li> </ul>	<ul style="list-style-type: none"> <li>ENVIS Focal point &amp; Centres across</li> </ul>	Informative	Up to date	ENVIS	Yes



	the country				
• <b>Query / Feedback</b>	• Postal and email address of CPCB ENVIS	Informative	Up to date	-	Yes
• <b>Experts</b>	• Contact details of subject experts	Informative	Up to date	Host Organization	Yes
• <b>FAQs</b>	• Frequently asked questions related to subject area	Informative	Up to date	Web	Yes
• <b>Related Links</b>	• List of State Pollution Control Boards and Pollution Control Committees	Website links and compiled data in pdf form	Up to date	Web	Yes
• <b>Web Statistics</b>	• An overview of visitor summary, visit summary, page view summary, and Hits summary of website	Information in pdf	Up to date	<a href="http://webstat.nic.in">webstat.nic.in</a>	Yes
• <b>Site Map</b>	• Quick links for website	-	Up to Date	-	Yes
• <b>Jobs</b>	• Advertisements details	-	Up to Date	-	Yes
• <b>Contact Us</b>	• Contact details of ENVIS head & Secretariat at MoEF&CC, Host Organization, and ENVIS Centre	-	Up to Date	-	Yes

## 8.2. Catalogue of Numeric and Time-series Databases compiled by the Centre till date:

Name of Database	Description (in brief)	Time Period (Starting year- Ending year) and Periodicity (annual/ monthly/ other)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
• <b>Air Quality Database</b>	• Air Quality Data (Million plus cities wise)	2007 – 2015 (annual)	Host Organization	Yes
	• Air Quality data (parameter wise) National Ambient Air Quality Status for SO <sub>2</sub> , NO <sub>2</sub> , PM <sub>10</sub> , SPM, RSPM	2007 – 2016 (annual)		
	• Archive section of Air quality data	2001 – 2006 (annual)		
	• Real time data on Air	Online link is provided		
• <b>Water Quality</b>	• Water Quality Data (River wise)	2007 – 2016 (annual)	Host Organization	Yes

Name of Database	Description (in brief)	Time Period (Starting year- Ending year) and Periodicity (annual/ monthly/ other)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)	
<b>Database</b>	• Water quality of Water intake points for various towns in Karnataka				
	• Water Quality Data of Medium and Minor rivers (State wise)				
	• Water Quality Data of creeks and canals				
	• Water Quality Data of lake, ponds, & tanks (State wise)				
	• Water Quality Data of Ground water (State wise)				
	<b>Online Database</b>	• Archive Section of Water Quality Data	2002 – 2006 (annual)		
		• Real time data on Water	Online link is provided		
• <b>Noise Monitoring Database</b>	• Noise Monitoring data of 7 cities (35 stations)	2011 – 2016 (annual)	Host Organization	Yes	
	<b>Online Database</b>	• Real time data on noise			Online link is provided

### 8.3. New Databases developed during the Financial Year (2017-18)

#### 8.3.1. Non-numeric Databases:

Name of Database	Description (in brief)	Data type (Descriptive/ graphical/ geospatial/ etc.)	Status of Updation/ Periodicity/ Data Points Compiled (including date/month/year of last data point)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
• <b>Air Quality</b>	• Operating Stations under National Air Quality Monitoring Programme (NAMP)	Descriptive, Tabular	March, 2018	Host Organization	Yes
• <b>Green Technology</b>	• Green technology - an introduction	Descriptive	2017	Web	Yes
	• Need of green technology	Descriptive & Pictorial			
	• Categories of green technology	Descriptive & Pictorial			
	• Applications of green				

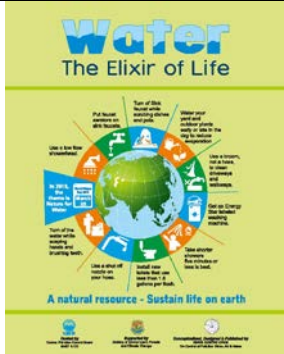
Name of Database	Description (in brief)	Data type (Descriptive/ graphical/ geospatial/ etc.)	Status of Updation/ Periodicity/ Data Points Compiled (including date/month/year of last data point)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
	technology				
	<ul style="list-style-type: none"> <li>Scheme on labelling of environment friendly products (eco-mark)</li> </ul>	Descriptive & Pictorial			
	<ul style="list-style-type: none"> <li>Advantages and disadvantages of green technology</li> </ul>				
	<ul style="list-style-type: none"> <li>Strengths and future of green technology</li> </ul>	Descriptive			
	<ul style="list-style-type: none"> <li>Green technology in news</li> </ul>	Descriptive, & Pictorial			

### 8.3.2. Numeric and Time-series Databases:



Name of Database	Description (in brief)	Time Period (Starting year- Ending year) and Periodicity (annual/ monthly/ other)	Source(s) of data	Online Availability (Whether uploaded on ENVIS Website)
<ul style="list-style-type: none"> <li><b>Air Quality Database</b></li> </ul>	<ul style="list-style-type: none"> <li>Air Quality data (parameter wise) National Ambient Air Quality Status for SO<sub>2</sub>, NO<sub>2</sub>, PM<sub>10</sub>, SPM, RSPM</li> </ul>	2015 and 2016 (annual) approved as on date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>Special Monitoring Data of Ambient Air levels during Deepawali</li> </ul>	2017		
	<ul style="list-style-type: none"> <li>Water Quality Data (Year wise)</li> </ul>	2013 and 2014 (annual)		
<ul style="list-style-type: none"> <li><b>Water Quality Database</b></li> </ul>	<ul style="list-style-type: none"> <li>Water Quality Data (River wise)</li> </ul>	2016 (annual) approved as on date	Host Organization	Yes
	<ul style="list-style-type: none"> <li>Water quality of Water intake points for various towns in Karnataka</li> </ul>			
	<ul style="list-style-type: none"> <li>Water Quality Data of Medium and Minor rivers (State wise)</li> </ul>			
	<ul style="list-style-type: none"> <li>Water Quality Data of creeks and canals</li> </ul>			
	<ul style="list-style-type: none"> <li>Water Quality Data of lake, ponds, &amp; tanks (State wise)</li> </ul>			
	<ul style="list-style-type: none"> <li>Water Quality Data of Ground water (State wise)</li> </ul>			






**9. Information/ Knowledge Products:**

**9.1. ENVIS Newsletters published during the Financial Year (2017-18):**

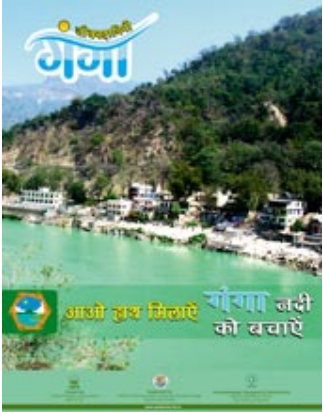
Cover snapshot	Quarter/ Volume/ Issue/ Theme  Main Articles	Number of copies printed and circulated	URL of the PDF file in ENVIS website
	Information related to importance of Water, its uses and need	e – copy uploaded on website	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Water%20New%20letter.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Water%20New%20letter.pdf</a>

**9.2. Other publications/ information products brought out during the Financial Year (2017-18):**



Cover snapshot	Publication/ Product  Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF file in ENVIS website
	Handout for the information dissemination about Waterborne diseases and their health effects in Hindi language for CESVP.	Printed: 1000  Circulated: 800 (approx.)	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf</a>
	Booklet on Compost describes the advantages of compost as waste disposal option, methods and other related information in Hindi language for CESVP.	Printed: 1000  Circulated: 800 (approx.)	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Composting%20Hindi.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Composting%20Hindi.pdf</a>






Cover snapshot	Publication/ Product Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF file in ENVIS website
	<p>Infographic on Municipal Solid Waste for the information dissemination about severity of Municipal Solid Waste, its disposal options, and management in Hindi language for CESVP.</p>	<p>Printed: 1000 Circulated: 800 (approx.)</p>	<p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/MSWinfo%20Hindi.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/MSWinfo%20Hindi.pdf</a></p>
	<p>Infographic on Air pollution for the information dissemination about sources of Air Pollution, its impact, and control measures in Hindi language for CESVP.</p>	<p>Printed: 1000 Circulated: 800 (approx.)</p>	<p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf</a></p>
		<p>Printed: 1000 Circulated: 800 (approx.)</p>	<p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-1.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-1.jpg</a></p>
		<p>Printed: 1000 Circulated: 800 (approx.)</p>	<p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-2-Hindi.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-2-Hindi.jpg</a></p>
		<p>Printed: 1000 Circulated: 800 (approx.)</p>	<p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-3.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-3.jpg</a></p>

Cover snapshot	Publication/ Product Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF file in ENVIS website
	8 different types of posters on "River Ganga" in both Hindi and English language, for awareness about the need, benefit and importance of Mother River Ganga in everybody life.	Printed: 1000 Circulated: 800 (approx.)	<a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-4.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-4.jpg</a>
		Printed: 1000 Circulated: 800 (approx.)	<a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-5.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-5.jpg</a>
		Printed: 1000 Circulated: 800 (approx.)	<a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-6-Hindi.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-6-Hindi.jpg</a>
		Printed: 1000 Circulated: 800 (approx.)	<a href="http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-7.jpg">http://www.cpcbenvis.nic.in/envis_newsletter/Ganga-7.jpg</a>

Cover snapshot	Publication/ Product Theme(s)/ Subject Area(s)	Number of copies printed and circulated	URL of the PDF file in ENVIS website
		Printed: 1000 Circulated: 800 (approx.)	<a href="http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-8-Hindi.jpg">http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-8-Hindi.jpg</a>

**9.3 Information Products published/ released during last five years:**

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	Handout for the information dissemination about Waterborne diseases and their health effects in Hindi language for CESVP.	2017	<a href="http://www.cpcbenvi.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf">http://www.cpcbenvi.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf</a>
	Booklet on Compost describes the advantages of compost as waste disposal option, methods and other related information in Hindi language for CESVP.	2017	<a href="http://www.cpcbenvi.nic.in/envis_newsletter/Composting%20Hindi.pdf">http://www.cpcbenvi.nic.in/envis_newsletter/Composting%20Hindi.pdf</a>

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	<p>Infographic on Municipal Solid Waste for the information dissemination about severity of Municipal Solid Waste, its disposal options, and management in Hindi language for CESVP.</p>	<p>2017</p>	<p><a href="http://www.cpcbenvi.nic.in/envis_newsletter/MSWinfo-graphic%20Hindi.pdf">http://www.cpcbenvi.nic.in/envis_newsletter/MSWinfo-graphic%20Hindi.pdf</a></p>
	<p>Infographic on Air pollution for the information dissemination about sources of Air Pollution, its impact, and control measures in Hindi language for CESVP.</p>	<p>2017</p>	<p><a href="http://www.cpcbenvi.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf">http://www.cpcbenvi.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf</a></p>
		<p>2017</p>	<p><a href="http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-1.jpg">http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-1.jpg</a></p>
		<p>2017</p>	<p><a href="http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-2-Hindi.jpg">http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-2-Hindi.jpg</a></p>
		<p>2017</p>	<p><a href="http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-3.jpg">http://www.cpcbenvi.nic.in/envis_newsletter/Ganga-3.jpg</a></p>



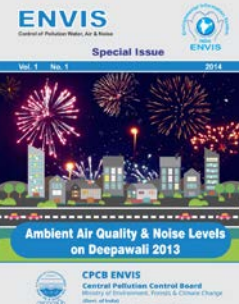


Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	<p>8 different types of posters on “River Ganga” in both Hindi and English language, for awareness about the need, benefit and importance of Mother River Ganga in everybody life.</p>	2017	<a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-4.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-4.jpg</a>
		2017	<a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-5.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-5.jpg</a>
		2017	<a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-6-Hindi.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-6-Hindi.jpg</a>
		2017	<a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-7.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-7.jpg</a>

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
		2017	<a href="http://www.cpcbenvi.snic.in/envis_newsletter/Ganga-8-Hindi.jpg">http://www.cpcbenvi.snic.in/envis_newsletter/Ganga-8-Hindi.jpg</a>
	<p>This analysis report focuses over the need, methods, detailed procedure for the establishment of Rain Water Harvesting (RWH) system, cost analysis, and legislations etc. for RWH.</p>	2016	<a href="http://www.cpcbenvi.snic.in/envis_newsletter/RWH%20in%20India%20-%20An%20Appraisal%20CPCBENVIS.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/RWH%20in%20India%20-%20An%20Appraisal%20CPCBENVIS.pdf</a>
	<p>Information related to various measures taken to improve water quality of river Ganga</p>	2016	<a href="http://www.cpcbenvi.snic.in/envis_newsletter/Ganga%20Samachar%202016%20December%20ebook.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Ganga%20Samachar%202016%20December%20ebook.pdf</a>
	<p>Handout for the information dissemination about Waterborne diseases and their health effects</p>	2016	<a href="http://www.cpcbenvi.snic.in/envis_newsletter/Waterborne%20Diseases%20-%20Infographic%20-%20IV%20-%20PRINT.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Waterborne%20Diseases%20-%20Infographic%20-%20IV%20-%20PRINT.pdf</a>
	<p>Green Book - An information kit for students containing informative environmental facts, puzzles, illustrations, crosswords, quizzes, colouring pages, games etc. in inquisitive and interesting way</p>	2016	<a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Coloring%20Book.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Coloring%20Book.pdf</a>

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	<p>Booklet on Compost describes the advantages of compost as waste disposal option, methods and other related information</p>	<p>2016</p>	<p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Compost.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Compost.pdf</a></p>
	<p>Infographic on Municipal Solid Waste for the information dissemination about severity of Municipal Solid Waste, its disposal options, and management</p>	<p>2016</p>	<p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20MSW%20infographic.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20MSW%20infographic.pdf</a></p>
	<p>This analytical report focuses over the Air quality in Delhi</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/Air%20pollution%20in%20Delhi.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Air%20pollution%20in%20Delhi.pdf</a></p>
	<p>Information related to various measures taken to improve water quality of river Ganga</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/Ganga%20Samaachar%20Issue%20%20.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Ganga%20Samaachar%20Issue%20%20.pdf</a></p>
	<p>Information Kit for students contain environmental facts &amp; illustrations</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Green%20Calendar%202015.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Green%20Calendar%202015.pdf</a></p>

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	<p>Poster depicts new water treatment technologies to reduce water pollution</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20on%20Smart%20Solution%20Less%20Pollution%20in%20river.jpg">http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20on%20Smart%20Solution%20Less%20Pollution%20in%20river.jpg</a></p>
	<p>Poster depicts the effects of solid waste dumping in water bodies</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20Save%20River.jpg">http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20Save%20River.jpg</a></p>
	<p>Poster depicts the global consumption &amp; production pattern to save the planet</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20Seven%20Billion%20People%20one%20Planet.jpg">http://www.cpcbenvi.s.nic.in/envis_newsletter/Poster%20Seven%20Billion%20People%20one%20Planet.jpg</a></p>
	<p>Information related to various measures taken to improve water quality of river Ganga</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Ganga%20Samachar%20Jan-Apr%202015.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Ganga%20Samachar%20Jan-Apr%202015.pdf</a></p>
	<p>ENVIS Newsletter</p>	<p>2015</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/ENVIS%20Newsletter%20Jan%20-%20Apr%202015.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/ENVIS%20Newsletter%20Jan%20-%20Apr%202015.pdf</a></p>
	<p>Publication on Bio-medical waste</p>	<p>2014</p>	<p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/BMW%20Newsletter.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/BMW%20Newsletter.pdf</a></p>

Publication / Product	Theme(s)/ Subject Area(s)	Year of Publication	URL of the PDF file in ENVIS website
	ENVIS Newsletter	2014	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCBENVIS%20Newsletter%20July%20September.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCBENVIS%20Newsletter%20July%20September.pdf</a>
	ENVIS Newsletter	2014	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCBENVIS%20Newsletter%20April-June.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCBENVIS%20Newsletter%20April-June.pdf</a>
	Special Issue on Ambient Air Quality & Noise levels during Deepawali 2013	2014	<a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Deepawali%202013%20Special%20Issue.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Deepawali%202013%20Special%20Issue.pdf</a>

**10. ENVIS Website** (*ENVIS Centres whose Website has been restructured may provide the Performance Report/Graphs generated therein wherever possible*):

- 10.1. URL: [www.cpcbenvi.s.nic.in](http://www.cpcbenvi.s.nic.in)
- 10.2. Status of restructuring of Website: Not restructured
- 10.3. Frequency of updating Website 2017-18: Regular
- 10.4. Subject-specific database updation (numeric / others): Regular
- 10.5. Publication uploaded/ updated on Website: Yes

**11. User Engagement and Interaction**

<i>User engagement and interaction</i>	<i>FY 2015-16</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>
i. Total number of visits	263,092	626,899	* Since the NIC's Webstat site is not functional
ii. Number of unique visits	13,936	29,661	
iii. Reports Downloaded/Read	636,071	442,007	
iv. Total Number of Queries received	800 approx. (email & physically)	850 approx.	
v. Number of Queries responded	800 approx. (email & physically)	850 approx.	
vi. Grade received	B	-	-

11.1 Total number of visits on Website (2017-18): \_\_\_\_ \* \_\_\_\_

11.2 Number of unique visits on Website (2017-18): \_\_\_\_\_ \* \_\_\_\_\_

11.3 Number of reports downloaded/ read by stakeholders: \_\_\_\_ \* \_\_\_\_\_

**11.4 Query-Answer Statistics 2017-18:**

Mode of Query Receipt	Number of Queries Received	Number of Queries Responded	Reasons for shortfalls, if any, and action taken to rectify
<b>Online</b> (CMS based website)	-	-	-
<b>Email</b> (official NIC server)	100 approx.	100 approx.	-
<b>Postal/Telephonic</b> (incl. hand post)	450 approx.	450 approx.	-
<b>Physical</b>	400 approx.	400 approx.	-

**12. Implementation of Annual Plan of Activities of the Financial Year (2017-18):**

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefore
<b>Centre's proposed activities 2017-18</b>		
1. Updation & maintenance of Redesigned ENVIS Website	Yes	-
2. Regular updation of databases	Yes	-
3. Newsletters, Information Products	Yes	-
4. Upload of information on all aspects of environment	Yes	-
5. Upload of e-versions of books, reports, etc. on the ENVIS website	Yes	-
6. Compilation of abstracts, bibliography, news articles, events etc. on the subject area and uploading of the same in the relevant sections of ENVIS website	Yes	-
7. Query Response Service	Yes	-
8. Reference databases	Yes	-
9. Participation in ENVIS workshops / Seminars / Brainstorming Sessions	Yes	-
<b>Suggestions for improvement by Processing Division, MoEF &amp;CC</b>		

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefore
<b>A. Regular Activities: Web-based Environmental Information</b>		
<b>Collection and Compilation of Information and Data</b>		
1. Development and regular updation of <i>databases</i> (descriptive, numeric, pictorial, geospatial, etc.) on the assigned subject area and regular uploading of the same in the <i>Subject Area</i> section of the ENVIS Website, after due verification/ authentication, with suitable referencing of data sources.	Ongoing, Regular	-
2. Compilation of <i>Abstracts, Bibliography, News articles, Events, etc.</i> on the subject area and uploading the same in the relevant section of ENVIS Website.	Ongoing, Regular	-
3. Identification of data gaps and formulation with implementation of action plan to fill them.	Being done	-
<b>Maintenance of ENVIS Website and User Engagement through it</b>		
4. Maintaining the ENVIS Website up-to-date and user-engaging, and as an inventory of authentic and reliable information in the subject area	Ongoing, Regular	-
5. Query-Response/ Referral service to stakeholders.	Yes	-
6. Developing and upgrading a Kids' Corner.	Ongoing, Regular	-
7. Maintaining a disaggregated record of visitors, including unique visitors, to the Website.	Ongoing, Regular Visit website "Web-statistics" Section	-
<b>Publications and Value-Addition</b>		
8. Publishing 4 <i>Newsletters</i> and uploading the same in the relevant section of ENVIS Website.	Ongoing, Regular	-
9. Processing/ analyzing data collected and bringing out value-added information Products	Ongoing, Regular	-
10. Collecting books, reports and journals on the subject area; Uploading e-versions of books, reports,	Ongoing, Regular	-

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefore
etc. on the ENVIS Website. Uploading <i>Abstracts</i> of books, reports, journals and articles of those whose e-versions are not available.		
<b>Reaching-out/Networking Activities</b>		
11. Liaison and coordination with other relevant ENVIS Centres, both State Centres and Thematic Centres, for providing data/ information links in the relevant part of the ENVIS Website (to avoid duplication and conflicts in uploaded information).	Established liaison with relevant Hubs/RPs for data sharing	-
12. Build linkages with other information sources in the country and abroad. Providing hyperlinks to the information sources in the relevant part of the ENVIS Website.	Yes	-
13. Maintaining a list of Experts in the subject area and uploading the same, along with updated C.V., in the relevant section of ENVIS Website.	Yes	-
14. Coordination with the Ministry for timely dissemination of relevant and adequate information to stakeholders.	Yes	-
15. Formulate strategic plans to generate sources of funds from corporate sector and/ or through subscriptions of Newsletters/ other publications	shall be implemented in FY 2018 – 19	-
<b>B. SPECIAL ACTIVITIES</b>		
16. Focus on database development (numeric and descriptive), with due authentication in consultation with Line Departments/ research institutes, etc.	Yes	-
17. Network and undertake outreach activities with Universities/ Research bodies/ researchers in the State, similar to those of Odisha ENVIS, so that the ENVIS	shall be implemented in FY 2018 – 19	



Activity/ Target	Achievements	Shortfalls, if any, and reasons therefore
collections/ repositories can be enriched, including with their contact details/ CVs, etc.		
18. Circulate Newsletters and knowledge products to as many stakeholders as possible in the State, especially policy makers/ planners.	Yes	-
19. Link its Website to other Government Websites; develop the vernacular Website; and undertake other awareness enhancing activities within the State.	Yes	-
20. Maintain a Register for keeping track of queries received and transferred/ answered.	Will be maintain	-
21. Build institutional repositories of various types of media related to environmental issues.	Ongoing, Regular Visit website "Latest News" Section	
22. Bring out a Brochure on environmental issues to spread awareness about World Environment Day, focusing on forestry/ mining/ Climate Change/ disasters/ etc.	Being published	

13.	<b>New initiatives taken during the Financial Year (2017-18):</b>	<p>MoEFCC under ENVIS has started – Rollout of the New Initiatives under the Revamped ENVIS scheme which includes Community–driven Environmentally Sustainable Villages Programme (<b>CESVP</b>), Green Skill Development Program (<b>GSDP</b>) and Grid–Based Decision Support System (<b>GRIDSS</b>).</p> <ul style="list-style-type: none"> <li>• <b>CESVP: Community-driven Environmentally Sustainable Village Programme (CESVP).</b></li> </ul> <p>Under <b>CESVP</b>, a program running on village sensitization , the Delhi based resources partners took an initiative to sensitize three villages in Delhi on importance of keeping environment clean namely <b>Singhola, Ghoga &amp; Dhirpur</b> which were suggested by our Hon'ble Union Minister, Ministry of Environment, Forest and Climate Change (MoEF&amp;CC). Under this initiative, Delhi based resources partners i.e. TERI, SPA, CPCB, CMS, JNU, Sulabh and WWF organized multiple activities aligned under the bracket of clean environment. The successful initiation and implementation of activities of Community–driven Environmentally Sustainable Villages</p>
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		<p>Programme, Delhi based RPs have continued their efforts to collectively which would result in making the three identified villages namely Singhola, Ghoga &amp; Dhirpur become models for the betterment of people residing in the region with respect of environment.</p> <ul style="list-style-type: none"> <li>• <b>GSDP: Green Skill Development Program (GSDP)</b> GSDP is being implemented.</li> <li>• <b>GRIDSS: Grid –Based Decision Support System (GRIDSS)</b> GRIDSS shall be implemented as per direction of the Ministry.</li> </ul>
<b>14.</b>	<b>Date of most recent physical verification by the Ministry:</b>	10 <sup>th</sup> December 2015

**15. Status of existing hardware:**

	Hardware item	Specification	Sanction Order with Date	Date of procurement
Procured from ENVIS Grant (2013 – 14)	2 desktop	HP, Windows 10	No. 11/2/96 – EI dated 27 Dec. 2013	26.03. 2014
	1 Multifunction Photocopier, Printer, Scanner	Kyocera, Taskalfa 2200		
	2 UPS	Venus		12.09.2014

**16. Status of utilization of grant during the financial year 2017-18 as on 31-March-2017 and reasons for shortfalls, if any:**

	Head of Expenditure	Sanctioned amount (Rs.)	Actual Expenditure (Rs.)	Reasons for Shortfall/ Excess (if any)
Recurring Annual	Manpower	11,88,884/-	6,96,907/-	
	Databases, etc.	4,65,300/-	5,018/-	
	Travel & Training	55,000/-	11,660/-	
Non-Recurring	-	-	-	-

**17. Issues/ hurdles faced in undertaking ENVIS activities:**

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