

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

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**Annual Progress Report (2018-19) CPCB ENVIS Resource Partner**

|  |   |
|--|---|
| <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 (2018-19):</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><br>(Select YES or NO: if YES kindly fill the right column space; if NO kindly leave it blank)<br><input type="radio"/> YES<br><input type="radio"/> NO | Advisory Committee is planning to reconstitute since most of the member were superannuated. |

| 6. Current ENVIS Staff Structure: | Name     | Position held     | Qualification and Experience   | Joining Date in ENVIS Centre | Joining Date in current position | 2018-19                      |                        |                  |
|-----------------------------------|----------|-------------------|--|------------------------------|----------------------------------|------------------------------|------------------------|------------------|
|                                   |          |                   |  |                              |                                  | Leaving Date (if applicable) | Emoluments drawn (Rs.) |                  |
|                                   |          |                   |  |                              |                                  |                              | Monthly                | Annual           |
|                                   | Hemlata  | Programme Officer | <b>Qualification:</b> Masters in Computer Application (MCA), O Level, PGDCA<br><b>Experience:</b> 19 years (10 years in CPCB ENVIS and 9 years in other organizations)                 | 13.04.2009                   | 11.10.2018                       | N/A                          | 38,586.90              | 4,63,042.8<br>/- |
|                                   | Prem Raj | IT Officer        | <b>Qualification:</b> M.A., M.A.J.M., 1 year Diploma in Computer Applications & Programming<br><b>Experience:</b> 14 years (10 years in CPCB ENVIS and 4 years in other organizations) | 09.04.2009                   | 01.07.2017                       | N/A                          | 26,065.60              | 3,12,787.2<br>/- |

| 7. | Mandate of the Host Organization  | Mandate of the ENVIS Centre  |
|----|---|--|
|    | <p>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 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> | <ul style="list-style-type: none"> <li>• Collection, collation, and dissemination of information on Control of 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.</li> <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), National Environment Survey- Grid Based Decision Support System (NES-GRIDSS)- for Sustainable Management of Natural Resources and Building Community-driven Environmentally Sustainable Village Program (CESVP).</li> <li>• To prepare Educational kits- Audio, video, Print- for use in EE and similar programme</li> </ul> |

## 8. Databases:

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

| Name of Database  | Description<br>(in brief)  | Data type<br>(Descriptive/<br>graphical/<br>geospatial/ etc.) | Status of<br>Updation/<br>Periodicity/<br>Data Points<br>Compiled<br>(including<br>date/month/year<br>of last data<br>point) | Source(s) of<br>data | Online<br>Availability<br>(Whether<br>uploaded<br>on ENVIS<br>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<br>Frequency and parameters monitored and number of monitoring stations  | Descriptive, Tabular  | 31.11.2018   |                      |  |
|   | • 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 – 2018  | 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> |                         |            |                   |     |
| • <b>Noise Pollution</b>             | • Mandate & Objective  | Descriptive             | Up to date | Host Organization | Yes |
|                                      | • Monitoring networks contains Noise monitoring network across the country   | Descriptive & Tabular   |            |                   |     |
|                                      | • Findings   | Descriptive             | Up to date |                   |     |
|                                      | • Noise pollution (Regulations and Control) Rules, 2000  | Information in pdf      | Up to Date |                   |     |
|                                      | • Authority list for implementation of Noise rules 2000  |                         |            |                   |     |
|                                      | • Noise limits for vehicles  |                         |            |                   |     |
|                                      | • Noise standards for Fire Crackers  |                         |            |                   |     |
|                                      | • Fire Crackers notification Gazette March 2013  |                         |            |                   |     |
| • <b>Noise Pollution</b>             | • WHO Guidelines for Noise quality   | Descriptive & Tabular   | Up to date | Web               | Yes |
| • <b>Noise Pollution and Control</b> | • <b>Introduction and sources of Noise Pollution</b> contains definition and various sources   | Descriptive & Pictorial | Up to date | Misc. Books, Web  | Yes |
|                                      | • <b>Properties and Measurements of Noise</b>  | Descriptive & Graphical |            |                   |     |
|                                      | • <b>Effects of Noise</b>  | 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<br>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             | 2018       | 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>CESVP-ENVIS</b></li> </ul>   | <ul style="list-style-type: none"> <li>• Aims &amp; objectives</li> <li>• Focus areas</li> <li>• CESVP Reports</li> </ul>                   | Descriptive pdf         | 2018       | ENVIS RP          | Yes |
| <ul style="list-style-type: none"> <li>• <b>GSDP-ENVIS</b></li> </ul>  | <ul style="list-style-type: none"> <li>• About GSDP</li> <li>• Certificate course Pollution Monitoring (Water and Air Pollution)</li> </ul> | Descriptive pdf         | 2019       | ENVIS RP          | Yes |
| <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>• Result of Certificate course under GSDP at CPCB</li> </ul>   |                         | Up to date |                   | Yes |
|  | <ul style="list-style-type: none"> <li>• Green Skill Development Programme (GSDP)</li> </ul>  |                         |            |                   |     |
|  | <ul style="list-style-type: none"> <li>• Guidelines on</li> </ul>   | pdf                     |            |                   |     |

|                       |  |                       |            |  |     |
|-----------------------|--|-----------------------|------------|--|-----|
|                       | Environmental Management of C&D Waste Management in India                    |                       |            | Organization   |     |
|                       | • Notification on Graded Response Action Plan                                | pdf                   |            | Host Organization  |     |
|                       | • Graded Response Action Plan for Delhi                                      | pdf                   |            | Host Organization  |     |
|                       | • CPCB ENVIS Publication "Green Book" promoted by Vridhi Foundation          | Informative           |            | ENVIS RP   |     |
|                       | • Odd-even scheme (15th- 30th April 2016) Assessment on Air Quality of Delhi | Information in pdf    |            | Host Organization  |     |
|                       | • Odd-even scheme (1st-15th January 2016) Assessment on Air Quality of Delhi |                       |            |  |     |
|                       | • Air Quality Index (AQI)  | Link information      |            |  |     |
|                       | • Environmental Acts & Rules   |                       |            | MoEF&CC  |     |
|                       | • CPCB ENVIS Advisory Committee  |                       |            | Host Organization  |     |
| • <b>Publications</b> | • Knowledge Products / Newsletters   | Descriptive           | 2018       | ENVIS knowledge products / Newsletters / Analytical studies, Posters, & Information kits | Yes |
|                       | • Annual Progress Reports  |                       |            | ENVIS & CPCB   |     |
|                       | • Publication List   |                       |            | Host Organisation  |     |
| • <b>Kids Corner</b>  | • Environment Calender   | Tabular               | Up to date | Web  | Yes |
|                       | • Do's and Dont's  | Descriptive & Tabular |            | Host Organisation  |     |
|                       | • Posters  | Pictorial             |            | Zonal Offices , CPCB   |     |
|                       | • Quiz   | Questionnaire         |            | Web  |     |
|                       | • Carbon Footprint Calculator  | Online Tool           |            |  |     |



|  |   |   |             |  |     |
|--|---|---|-------------|--|-----|
|  | <ul style="list-style-type: none"> <li>Downloads section</li> </ul>   | pdf(s)                                      |             | ENVIS knowledge products, CPCB Library             |     |
| <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 - 2018 | 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> </ul>   | Informative                                 | 2018        | CPCB Library                                       | Yes |
|  | <ul style="list-style-type: none"> <li>Gray Literature</li> </ul>   |   |             |  |     |
| <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> </ul>  | Informative                                 | Up to date  | ENVIS  | Yes |
|  | <ul style="list-style-type: none"> <li>Upcoming events</li> </ul>   |   |             |  |     |
| <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 the country</li> </ul>  | Informative                                 | Up to date  | ENVIS  | Yes |
| <ul style="list-style-type: none"> <li><b>Query / Feedback</b></li> </ul>        | <ul style="list-style-type: none"> <li>Postal and email address of CPCB ENVIS</li> </ul>  | Informative                                 | Up to date  | -  | Yes |
| <ul style="list-style-type: none"> <li><b>Experts</b></li> </ul>                 | <ul style="list-style-type: none"> <li>Contact details of subject experts</li> </ul>  | Informative                                 | Up to date  | Host Organization                                  | Yes |
| <ul style="list-style-type: none"> <li><b>FAQs</b></li> </ul>                    | <ul style="list-style-type: none"> <li>Frequently asked questions related to subject area</li> </ul>  | Informative                                 | Up to date  | Web  | Yes |
| <ul style="list-style-type: none"> <li><b>Related Links</b></li> </ul>           | <ul style="list-style-type: none"> <li>List of State Pollution Control Boards and Pollution Control Committees</li> </ul>                             | Website links and compiled data in pdf form | Up to date  | Web  | Yes |
| <ul style="list-style-type: none"> <li><b>Web Statistics</b></li> </ul>          | <ul style="list-style-type: none"> <li>An overview of visitor summary, visit summary, page view summary, and Hits summary of website</li> </ul>       | Information in pdf                          | Up to date  | <a href="http://webstat.nic.in">webstat.nic.in</a> | Yes |
| <ul style="list-style-type: none"> <li><b>Site Map</b></li> </ul>                | <ul style="list-style-type: none"> <li>Quick links for website</li> </ul>   | -   | Up to Date  | -  | Yes |
| <ul style="list-style-type: none"> <li><b>Jobs</b></li> </ul>                    | <ul style="list-style-type: none"> <li>Advertisements details</li> </ul>  | -   | Up to Date  | -  | Yes |
| <ul style="list-style-type: none"> <li><b>Contact Us</b></li> </ul>              | <ul style="list-style-type: none"> <li>Contact details of ENVIS head &amp; Secretariat at MoEF&amp;CC, Host Organization, and ENVIS Centre</li> </ul> | -   | 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) |
|--|--|---|-------------------|---|
| <ul style="list-style-type: none"> <li><b>Air Quality Database</b></li> </ul><br><b>Online Database</b>      | <ul style="list-style-type: none"> <li>Air Quality Data (Million plus cities wise)</li> </ul>  | 2007 – 2017 (annual)  | Host Organization | Yes   |
|  | <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> | 2007 – 2017 (annual)  |                   |   |
|  | <ul style="list-style-type: none"> <li>Archive section of Air quality data</li> </ul>  | 2001 – 2006 (annual)  |                   |   |
|  | <ul style="list-style-type: none"> <li>Real time data of Air</li> </ul>  | Online link is provided   |                   |   |
| <ul style="list-style-type: none"> <li><b>Water Quality Database</b></li> </ul><br><b>Online Database</b>    | <ul style="list-style-type: none"> <li>Water Quality Data (River wise)</li> </ul>  | 2007 – 2016 (annual)  | 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>  |   |                   |   |
|  | <ul style="list-style-type: none"> <li>Archive Section of Water Quality Data</li> </ul>  |   |                   |   |
|  | <ul style="list-style-type: none"> <li>Automatic Water Quality Monitoring Data</li> </ul>  | Online link is provided   |                   |   |
| <ul style="list-style-type: none"> <li><b>Noise Monitoring Database</b></li> </ul><br><b>Online Database</b> | <ul style="list-style-type: none"> <li>Noise Monitoring data of 7 cities (70 stations)</li> </ul>  | 2011 – 2017 (annual)  | Host Organization | Yes   |
|  | <ul style="list-style-type: none"> <li>Real time data of noise</li> </ul>  | Online link is provided   |                   |   |

### 8.3. New Databases developed during the Financial Year (2018-19)

**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 (NAMMP) | Descriptive, Tabular                                 | November, 2018   | Host Organization | Yes   |
| • <b>Green Technology</b> | • Green technology - an introduction   | Descriptive  | 2018   | Web               | Yes   |
|                           | • Need of green technology   | Descriptive & Pictorial                              |  |                   |   |
|                           | • Categories of green technology   | Descriptive & Pictorial                              |  |                   |   |
|                           | • Applications of green technology   |  |  |                   |   |
|                           | • Scheme on labelling of environment friendly products (eco-mark)            | Descriptive & Pictorial                              |  |                   |   |
|                           | • Advantages and disadvantages of green technology                           |  |  |                   |   |
|                           | • Strengths and future of green technology                                   | Descriptive  |  |                   |   |
|                           | • Green technology in news   | 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) |
|---------------------------------|--|---|-------------------|---|
| • <b>Air Quality Database</b>   | • 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 | 2017 (annual) approved as on date   | Host Organization | Yes   |
|                                 | • Special Monitoring Data of Ambient Air levels during Deepawali   | 2018  |                   |   |
| • <b>Water Quality Database</b> | • Water Quality Data (River wise)  | 2016 (annual) approved as on date   | Host Organization | Yes   |
|                                 | • Water quality of Water intake points for various towns in Karnataka  |   |                   |   |
|                                 | • Water Quality Data of Medium and Minor rivers  |   |                   |   |


|  |   |                                      |                   |     |
|--|---|--------------------------------------|-------------------|-----|
|  | (State wise)  |                                      |                   |     |
|  | <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>   |                                      |                   |     |
| <ul style="list-style-type: none"> <li><b>Noise Monitoring Database</b></li> </ul> | <ul style="list-style-type: none"> <li>Noise Monitoring Data of 7 Cities (70 Continuous monitoring stations, 10 monitoring station in each of 7 identified cities)</li> </ul> | 2017 (annual)<br>approved as on date | Host Organization | Yes |



**9. Information/ Knowledge Products:**

**9.1. ENVIS Newsletters published during the Financial Year (2018-19):**



| Cover snapshot  | Quarter/ Volume/ Issue/ Theme<br>Main Articles   | Number of copies printed and circulated | URL of the PDF file in ENVIS website  |
|---|--|---|---|
|   | Booklet on Dos & Don'ts contain information of Vehicular Pollution, Noise, Water, MSW, Plastic Waste, BMW, Construction & Demolition Waste & Energy Conservation | Printed: 25<br>Circulated: 25           | <a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Do's%20and%20Don'ts%20web.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Do's%20and%20Don'ts%20web.pdf</a>   |
|  | Newsletter contains ENVIS activities, scientific articles, news etc.   | e-newsletter                            | <a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20e%20newsletter%20Jan-Mar%202019.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20e%20newsletter%20Jan-Mar%202019.pdf</a> |

**9.2. Other publications/ information products brought out during the Financial Year (2018-19):**

| Cover snapshot  | Publication/ Product<br>Theme(s)/ Subject Area(s)                       | Number of copies printed and circulated | URL of the PDF file in ENVIS website  |
|---|---|---|---|
|  | Poster on Water for All – Leaving No One Behind on World Water Day 2019 | Printed: 10<br>Circulated: 10           | <a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Water%20day%202019%20Poster.jpg">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Water%20day%202019%20Poster.jpg</a> |

| Cover snapshot  | Publication/ Product<br>Theme(s)/ Subject Area(s)         | Number of copies printed and circulated | URL of the PDF file in ENVIS website  |
|---|---|---|---|
|  | Handout on Green Skill Development Programme (GSDP)       | Printed: 50<br>Circulated: 50           | <a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20GSDP%20Handout.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20GSDP%20Handout.pdf</a>         |
|  | Poster on Plastic Pollution On World Environment Day 2018 | Printed: 20<br>Circulated: 20           | <a href="http://www.cpcbenvi.snic.in/envis_newsletter/Poster%20on%20Plastic%20Pollution.png">http://www.cpcbenvi.snic.in/envis_newsletter/Poster%20on%20Plastic%20Pollution.png</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  |
|---|---|---------------------|---|
|  | Poster on Water for All – Leaving No One Behind on World Water Day 2019 | 2018                | <a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Water%20day%202019%20Poster.jpg">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20Water%20day%202019%20Poster.jpg</a>     |
|  | Newsletter contains ENVIS activities, scientific articles, news etc.    | e-newsletter        | <a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20e%20newslett%20Jan-Mar%202019.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20e%20newslett%20Jan-Mar%202019.pdf</a> |

| Publication / Product   | Theme(s)/ Subject Area(s)  | Year of Publication | URL of the PDF file in ENVIS website   |
|---|--|---------------------|--|
| <p>The handout features the CPCB ENVIS Resource Partner logo and the title 'Green Skill Development Programme (GSDP) - An initiative to empower the youth with green skills'. It includes a section for 'Certificate Course in Pollution Monitor (Air &amp; Water Pollution)' with a photo of a training session. Below, it mentions 'Support GSDP Training at CPCB ENVIS RP &amp; Regional Directorates of CPCB' and lists various partner organizations like the Ministry of Environment, Forest &amp; Climate Change (MoEF), CPCB, and various State Pollution Control Boards.</p> | <p>Handout on Green Skill Development Programme (GSDP)</p>   | <p>2018</p>         | <p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20GSDP%20Handout.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/CPCB%20ENVIS%20GSDP%20Handout.pdf</a></p>         |
| <p>The booklet is titled 'DO'S &amp; DON'TS to save our Environment' and features a colorful illustration of children playing in a park. It lists various environmental issues: Vehicular Pollution, Noise Pollution, Water Pollution, MSW, Plastic Waste, and Biomedical Waste. It also includes icons for 'Green @ Good @ Good' and 'BETTER'.</p>   | <p>Booklet on Dos &amp; Don'ts contain information of Vehicular Pollution , Noise, Water, MSW, Plastic Waste, BMW, Construction &amp; Demolition Waste &amp; Energy Conservation</p> | <p>2018</p>         | <p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/Do's%20and%20Don'ts%20web.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Do's%20and%20Don'ts%20web.pdf</a></p>                 |
| <p>The poster has a green background and features a large illustration of a plastic bottle with a recycling symbol. Inside the bottle, there are images of a cow, a tree, and a bird, symbolizing the impact of plastic on nature. The text at the top reads 'प्लास्टिक प्रदूषण को हराएँ' and 'REFUSE Single use plastic'. The bottom text says 'On World Environment Day 2018'.</p>  | <p>Poster on Plastic Pollution On World Environment Day 2018</p>   | <p>2018</p>         | <p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/Poster%20on%20Plastic%20Pollution.png">http://www.cpcbenvi.snic.in/envis_newsletter/Poster%20on%20Plastic%20Pollution.png</a></p> |
| <p>The booklet is titled 'Water The Elixir of Life' and features a central illustration of a globe surrounded by icons representing water's uses: drinking, irrigation, industry, and recreation. It also includes text about water conservation and the importance of water as a natural resource.</p>   | <p>Booklet on Water for Information related to importance of Water, its uses and need</p>  | <p>2017</p>         | <p><a href="http://www.cpcbenvi.snic.in/envis_newsletter/Water%20New%20letter.pdf">http://www.cpcbenvi.snic.in/envis_newsletter/Water%20New%20letter.pdf</a></p>                           |



| Publication / Product   | Theme(s)/ Subject Area(s)  | Year of Publication | URL of the PDF file in ENVIS website   |
|---|--|---------------------|--|
|    | <p>Handout for the information dissemination about Waterborne diseases and their health effects in Hindi language for CESVP.</p>   | <p>2017</p>         | <p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/waterborne%20infographic%20Hindi.pdf</a></p> |
|    | <p>Booklet on Compost describes the advantages of compost as waste disposal option, methods and other related information in Hindi language for CESVP.</p>                               | <p>2017</p>         | <p><a href="http://www.cpcbenvis.nic.in/envis_newsletter/Composting%20Hindi.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/Composting%20Hindi.pdf</a></p>                             |
|   | <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.cpcbenvis.nic.in/envis_newsletter/MSWinfo%20graphic%20Hindi.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/MSWinfo%20graphic%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.cpcbenvis.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf">http://www.cpcbenvis.nic.in/envis_newsletter/Air%20Pollution%20Phamphlet.pdf</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-1.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-1.jpg</a>             |
|    |  | 2017                | <a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-2-Hindi.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-2-Hindi.jpg</a> |
|   |  | 2017                | <a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-3.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-3.jpg</a>             |
|  |  | 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>             |



| Publication / Product   | Theme(s)/ Subject Area(s)  | Year of Publication | URL of the PDF file in ENVIS website  |
|---|--|---------------------|---|
|    |  | 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>   |
|  |  | 2017                | <a href="http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-8-Hindi.jpg">http://www.cpcbenvvis.nic.in/envis_newsletter/Ganga-8-Hindi.jpg</a>   |
|  | 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. | 2016                | <a href="http://www.cpcbenvvis.nic.in/envis_newsletter/RWH%20in%20India%20-%20An%20Appraisal%20CPCBENVIS.pdf">http://www.cpcbenvvis.nic.in/envis_newsletter/RWH%20in%20India%20-%20An%20Appraisal%20CPCBENVIS.pdf</a> |

| Publication / Product   | Theme(s)/ Subject Area(s)   | Year of Publication | URL of the PDF file in ENVIS website   |
|---|---|---------------------|--|
|    | <p>Information related to various measures taken to improve water quality of river Ganga</p>  | <p>2016</p>         | <p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Ganga%20Samachar%202016%20December%20ebook.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Ganga%20Samachar%202016%20December%20ebook.pdf</a></p>                                     |
|    | <p>Handout for the information dissemination about Waterborne diseases and their health effects</p>   | <p>2016</p>         | <p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Waterborne%20Diseases%20-%20Infographic%20-%20IV%20-%20PRINT.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Waterborne%20Diseases%20-%20Infographic%20-%20IV%20-%20PRINT.pdf</a></p> |
|   | <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> | <p>2016</p>         | <p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Coloring%20Book.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Coloring%20Book.pdf</a></p>   |
|  | <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.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Compost.pdf">http://www.cpcbenvi.s.nic.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.s.nic.in/envis_newsletter/CPCB%20ENVIS%20MSW%20infographic.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20MSW%20infographic.pdf</a></p>   |

| Publication / Product   | Theme(s)/ Subject Area(s)  | Year of Publication | URL of the PDF file in ENVIS website   |
|---|--|---------------------|--|
|    | <p>This analytical report focuses over the Air quality in Delhi</p>                          | <p>2015</p>         | <p><a href="http://www.cpcbenvi.s.nic.in/envis_newsletter/Air%20pollution%20in%20Delhi.pdf">http://www.cpcbenvi.s.nic.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.s.nic.in/envis_newsletter/Ganga%20Samachar%20Issue%20%20.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/Ganga%20Samachar%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.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Green%20Calendar%202015.pdf">http://www.cpcbenvi.s.nic.in/envis_newsletter/CPCB%20ENVIS%20Green%20Calendar%202015.pdf</a></p>   |
|  | <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>                             |

| Publication / Product   | Theme(s)/ Subject Area(s)  | Year of Publication | URL of the PDF file in ENVIS website   |
|---|--|---------------------|--|
|    | <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>   |
|  | <p>ENVIS Newsletter</p>  | <p>2014</p>         | <p><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></p> |
|  | <p>ENVIS Newsletter</p>  | <p>2014</p>         | <p><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></p>             |
|  | <p>Special Issue on Ambient Air Quality &amp; Noise levels during Deepawali 2013</p>         | <p>2014</p>         | <p><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></p>               |



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

**10.1. URL:** [www.cpcbenvvis.nic.in](http://www.cpcbenvvis.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 2016-17</i> | <i>FY 2017-18</i>                                | <i>FY 2018-19</i>                                |
|--|-------------------|--|--|
| i. Total number of visits              | 626,899           | * Since the NIC's Webstat site is not functional | * Since the NIC's Webstat site is not functional |
| ii. Number of unique visits            | 29,661            |  |  |
| iii. Reports Downloaded/Read           | 442,007           |  |  |
| iv. Total Number of Queries received   | 850 approx.       |  |  |
| v. Number of Queries responded         | 850 approx.       |  |  |
| vi. Grade received                     | -                 | -  | -  |

**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 2018-19:**

| 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 (2018-19):**

| 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          | -   |

| Activity/ Target   | Achievements     | Shortfalls, if any, and reasons therefore |
|--|------------------|---|
| 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>  |                  |   |
| <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  | Yes              | -   |

| Activity/ Target   | Achievements  | Shortfalls, if any, and reasons therefore |
|--|---|---|
| service to stakeholders.   |   |   |
| 6. Developing and upgrading a Kids' Corner.  | Ongoing, Regular  | -   |
| 7. Maintaining a disaggregated record of visitors, including unique visitors, to the Website.  | Ongoing, Regular<br>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, etc. on the ENVIS Website. Uploading <i>Abstracts</i> of books, reports, journals and articles of those whose e-versions are not available.    | Ongoing, Regular  | -   |
| <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  | Yes   | -   |

| Activity/ Target   | Achievements  | Shortfalls, if any, and reasons therefore |
|--|---|---|
| stakeholders.  |   |   |
| 15. Formulate strategic plans to generate sources of funds from corporate sector and/ or through subscriptions of Newsletters/ other publications  | shall be implemented                                    | -   |
| <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 collections/ repositories can be enriched, including with their contact details/ CVs, etc. | shall be implemented                                    |   |
| 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<br>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>Initiatives taken during the Financial Year (2018-19):</b> | MoEFCC under ENVIS has started – Rollout of the New |
|-----|---|---|



|  |  |  |
|--|--|--|
|  |  | <p>Initiatives under the Revamped ENVIS scheme which includes Community-driven Environmentally Sustainable Villages Programme (CESVP), Green Skill Development Programme (GSDP) and NES- Grid-Based Decision Support System (NES-GRIDSS).</p> <ul style="list-style-type: none"> <li>• <b>CESVP: Community-driven Environmentally Sustainable Village Programme (CESVP)</b><br/> <b>CESVP</b> shall be implemented as per direction of the Ministry. <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 Neemka (Gautam Budh Nagar, U.P.), Oledha (Bulandshahar), (U.P.) and Kachaida (Gautam Budh Nagar), U.P. which were adopted by Dr. Mahesh Sharma, Hon'ble Minister of State (EF&amp;CC). Preliminary survey is being conducted after the of villages to make them model villages 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 Programme (GSDP)</b></li> </ul> <p><b>GSDP Training on Pollution Monitors (Air &amp; Water Pollution) at CPCB ENVIS RP &amp; Regional Directorates of CPCB</b></p> <p>With financial support by the Ministry of Environment, Forest &amp; Climate Change (MoEF&amp;CC), CPCB-ENVIS has offered GSDP course on "Pollution Monitors : Air and Water" to implement Green Skill Development Programme (GSDP). ENVIS Resource Partner at CPCB and Regional Directorates at Bengaluru, Bhopal, Shillong, Kolkata, Lucknow and Vadodara of CPCB under the aegis of Ministry of Environment, Forest and Climate Change (MoEFCC) organized, conducted and successfully completed GSDP Certificate Course on Pollution Monitoring: Air and Water Pollution.</p> <p>GSDP is a ministry's ambitious project that aims at combating the environmental challenges the world is facing today through green skilling the country's youth. The 260 hour intensive training included lecture, lab practices and field visits. CPCB resource persons and Guest lecturers from academia and reputed institutes were shared their expertise in imparting training and disseminates the knowledge about sampling and monitoring air and water Pollution. As course support, CPCB</p> </li></ul> |
|--|--|--|

|               |   | <p>Labs arranged practices and field visit of following: Air and Water monitoring stations, STP, CETP, ETP, and Drain monitoring and River monitoring (sample collection and analysis), Hospitals, industries, and Waste to Energy Plant.</p> <table border="1"> <thead> <tr> <th>GSDP STATUS</th> <th>Skilled Youth</th> <th>Higher Studies</th> <th>Employed</th> </tr> </thead> <tbody> <tr> <td>CPCB ENVIS RP</td> <td>24</td> <td>2</td> <td>11</td> </tr> <tr> <td>RD BENGALURU</td> <td>13</td> <td>2</td> <td>9</td> </tr> <tr> <td>RD LUCKNOW</td> <td>20</td> <td>1</td> <td>7</td> </tr> <tr> <td>RD KOLKATA</td> <td>15</td> <td>-</td> <td>-</td> </tr> <tr> <td>RD SHILLONG</td> <td>13</td> <td>-</td> <td>3</td> </tr> <tr> <td>RD VADODARA</td> <td>7</td> <td>-</td> <td>4</td> </tr> <tr> <td>RD BHOPAL</td> <td>12</td> <td>2</td> <td>2</td> </tr> </tbody> </table> <p style="text-align: center;"><i>Table: GSDP status as on 31 March 2019</i></p> <ul style="list-style-type: none"> <li>• <b>NES-GRIDSS: National Environment Survey- Grid Based Decision Support System (NES-GRIDSS)</b><br/>NES-GRIDSS shall be implemented as per direction of the Ministry.</li> </ul> | GSDP STATUS | Skilled Youth | Higher Studies | Employed | CPCB ENVIS RP | 24 | 2 | 11 | RD BENGALURU | 13 | 2 | 9 | RD LUCKNOW | 20 | 1 | 7 | RD KOLKATA | 15 | - | - | RD SHILLONG | 13 | - | 3 | RD VADODARA | 7 | - | 4 | RD BHOPAL | 12 | 2 | 2 |
|---------------|---|--|-------------|---------------|----------------|----------|---------------|----|---|----|--------------|----|---|---|------------|----|---|---|------------|----|---|---|-------------|----|---|---|-------------|---|---|---|-----------|----|---|---|
| GSDP STATUS   | Skilled Youth   | Higher Studies   | Employed    |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| CPCB ENVIS RP | 24  | 2  | 11          |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD BENGALURU  | 13  | 2  | 9           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD LUCKNOW    | 20  | 1  | 7           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD KOLKATA    | 15  | -  | -           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD SHILLONG   | 13  | -  | 3           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD VADODARA   | 7   | -  | 4           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| RD BHOPAL     | 12  | 2  | 2           |               |                |          |               |    |   |    |              |    |   |   |            |    |   |   |            |    |   |   |             |    |   |   |             |   |   |   |           |    |   |   |
| <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 2018-19 as on 31-March-2018 and reasons for shortfalls, if any:**

|                  | Head of Expenditure | Sanctioned amount (Rs.) | Actual Expenditure (Rs.) | Reasons for Shortfall/ Excess (if any)                                       |
|------------------|---------------------|-------------------------|--------------------------|--|
| Recurring Annual | Manpower            | 7,75,830/-              | 677429/-                 | -  |
|                  | Databases, etc.     | 4,65,300/-              | 19798/-                  | No Printing of ENVIS knowledge products,, due to no panel of printer at CPCB |
|                  | Travel & Training   | 55,000/-                | 23362/-                  | -  |
| Non-Recurring    | -                   | -                       | -                        | -  |

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

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