

Government of India
Ministry of Environment & Forests
(EI Division)

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Format for the Annual Progress Report on Activities of ENVIS Centres

1.	Name of Host Organization:		CENTRAL POLLUTION CONTROL BOARD					
2.	Assigned Subject Area:		Control of Pollution (Water, Air and Noise)					
3.	Date/Month/Year of establishment of ENVIS Centre:		September 14, 1983					
4.	Name and designation of ENVIS Coordinator:		Sh. G. Ganesh, Scientist 'C'					
5.	Current ENVIS Staff Structure:							
	Name	Position held	Qualification and Experience	Joining Date in ENVIS Centre	Joining Date in current position	2013-14		
						Leaving Date (if applicable)	Emoluments drawn (₹)	
						Monthly	Annual	
	Hemlata	Information Officer	Masters in Computer Application (MCA), O Level, PGDCA and 13 years experience (IT sector and ENVIS Centre)	13 April 2009	April 2009	-	19,100/- -	229200/ -
	Prem raj	IT Assistant	M.A, M.A.J.M, B.A, One yr. Dip. in Computer Application & Programming and 8 yrs experience	9 April 2009	April 2009		14200/-	170400/ -
		Programme Officer	Post of Programme Officer Yet to be recruited					
6.	Mandate of the Host Organization				Mandate of the ENVIS Centre			
	The Central Pollution Control Board (CPCB) , statutory organisation, was constituted in September, 1974 under the Water (Prevention and Control of Pollution) Act, 1974. Further, CPCB was entrusted with the powers and functions under the Air (Prevention and Control of Pollution) Act, 1981.				Collection, collation and dissemination of information on Control of Pollution (Water, Air and Noise) which will of immense use to decision-makers, Policy Planners, Research organizations, stakeholders and to general public.			

	<ol style="list-style-type: none"> 01. Advise the Central Government on any matter concerning prevention and control of water and air pollution and improvement of the quality of air. 02. Plan and cause to be executed a nation-wide programme for the prevention, control or abatement of water and air pollution; 03. Co-ordinate the activities of the State Board and resolve disputes among them; 04. 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; 05. Plan and organize training of persons engaged in programme on the prevention, control or abatement of water and air pollution; 06. Organize through mass media, a comprehensive mass awareness programme on the prevention, control or abatement of water and air pollution; 07. 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; 08. 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; 09. Disseminate information in respect of matters relating to water and air pollution and their prevention and control; 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 11. Perform such other function as may be prescribed by the Government of India. 	
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7. Databases:

7.1. 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)
<ul style="list-style-type: none"> • Air Pollution • Mandate Objective of NAMP 	<ul style="list-style-type: none"> • Air Pollution Mandate (Air prevention and control of Pollution Act 1981), Objective of NAMP 	Descriptive information; Tabular statement Year wise	2008-2010	Host Organization	Yes
<ul style="list-style-type: none"> • Number of Monitoring Stations, Tabular data of operating station under NAMP 	<ul style="list-style-type: none"> • Frequency and Parameters Monitored and Number of Monitoring Stations 	Descriptive information; Tabular statement Year wise	Up to 2014		Yes
<ul style="list-style-type: none"> • Findings of Air Pollution 	<ul style="list-style-type: none"> • Findings of Air Pollution and Non Attainment Cities 	Descriptive information; Tabular statement	2008-2010		Yes
<ul style="list-style-type: none"> • The Gazette of India 	<ul style="list-style-type: none"> • Ambient air quality standards (national) 	Descriptive information; Tabular statement	2009		Yes
<ul style="list-style-type: none"> • Special Monitoring Data contains Ambient Air levels during Deepawali 	<ul style="list-style-type: none"> • Monitoring Data contains Ambient Air levels during Deepawali 	Descriptive, Press releases	2007-2013 (Annual)		Yes
Water Pollution					
<ul style="list-style-type: none"> • Mandate for Water Quality 	<ul style="list-style-type: none"> • Mandate for Water Quality 	Descriptive information;	till 2011	Host Organization	Yes
<ul style="list-style-type: none"> • Monitoring Network 	<ul style="list-style-type: none"> • National water quality monitoring programme Networks 	Descriptive information; Tabular statement	Up to 2013		Yes
<ul style="list-style-type: none"> • National Water 	<ul style="list-style-type: none"> • Water Quality 	Descriptive	1995-2011		Yes

Quality findings	Trends	and Graphical information			
<ul style="list-style-type: none"> • Polluted River Stretches State wise, river wise 	<ul style="list-style-type: none"> • Identify Polluted River Stretches criteria wise 	Descriptive	Up to 2013		Yes
<ul style="list-style-type: none"> • Water Quality Trends in Rivers 	<ul style="list-style-type: none"> • Water Quality Trends in Rivers 	Graphical information	2002-2011		Yes
<ul style="list-style-type: none"> • Water quality criteria 	<ul style="list-style-type: none"> • Water quality criteria showing class of water 	Tabular information	Up to 2013		Yes
Noise Pollution					
<ul style="list-style-type: none"> • Introduction, Source and Properties & measurement of Noise, and effect of Noise 	<ul style="list-style-type: none"> • Introduction, Source and Properties & measurement of Noise, and effect of Noise 	Descriptive information;	2000	Host Organization	Yes
<ul style="list-style-type: none"> • Noise pollution (Regulation and Control) Rules 2000; 	<ul style="list-style-type: none"> • Noise pollution (Regulation and Control) Rules 2000; 	Information in Pdf	2000		
<ul style="list-style-type: none"> • Authority list for implementation of Noise Rules 2000 	<ul style="list-style-type: none"> • Authority list for implementation of Noise Rules 2000 	Information in Pdf	2000		
<ul style="list-style-type: none"> • Noise limits for vehicles; • Noise standards for Fire Crackers 	<ul style="list-style-type: none"> • Noise limits for vehicles; • Noise standards for Fire Crackers 	Information in Pdf			
Environmental Standards	<ul style="list-style-type: none"> • Ambient air quality standards and other environmental standards 	Descriptive Link given to Host Organization	Up to date	Host Organization	Yes
Publications	<ul style="list-style-type: none"> • Newsletters 	Descriptive		Parivesh and ENVIS Newsletters, CPCB	Yes

	<ul style="list-style-type: none"> • Annual reports of CPCB • Scanned Publications and Grey Literature 			Host Organization	
Kids Corner	<ul style="list-style-type: none"> • Posters, related links to environment 	Links and images			Yes

7.2. 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)
Air Pollution				
<ul style="list-style-type: none"> • Air Quality data (Parameter Wise) National Ambient Air Quality Status for SO₂, NO₂, RSPM 	<ul style="list-style-type: none"> • Air Quality data (Parameter Wise) National Ambient Air Quality Status for SO₂, NO₂, RSPM 	2007-2010 (Annual)	Host Organization	Yes
<ul style="list-style-type: none"> • Air Quality data (Metropolitan Cities Wise) 	<ul style="list-style-type: none"> • Air Quality data (Metropolitan Cities Wise) 	2007-2011 (Annual)		Yes
<ul style="list-style-type: none"> • Archive Section of Air Quality data 	<ul style="list-style-type: none"> • Archive Section of Air Quality data 	2001-2006 (Annual)		Yes
<ul style="list-style-type: none"> • Real time online data on Air pollution 	<ul style="list-style-type: none"> • Online Real time data on Air pollution 	Online		Yes
Water Pollution				
<ul style="list-style-type: none"> • National Water Quality data 	<ul style="list-style-type: none"> • Water Quality data River wise 	2007-2011 (Annual)	Host Organization	Yes
	<ul style="list-style-type: none"> • Water Quality data Medium and Minor River (State wise) 	2007-2011 (Annual)		Yes
	<ul style="list-style-type: none"> • Water Quality data Creeks and canal 	2007-2011 (Annual)		Yes
	<ul style="list-style-type: none"> • Water Quality data Lake ponds and Tank (State wise) 	2007-2011 (Annual)		Yes

<ul style="list-style-type: none"> • Water quality of river Ganga and Yamuna at Allahabad during Ardh Kumbha • Archive Section of Water Quality data • Online Real time data on Water pollution 	<ul style="list-style-type: none"> • Water Quality data Ground Water (State wise) 	2007-2011 (Annual)		Yes
	<ul style="list-style-type: none"> • Water Quality data (Year wise) 	2007-2011 (Annual)		Yes
	<ul style="list-style-type: none"> • Water quality of river Ganga and Yamuna at Allahabad during Ardh Kumbha 	2007		Yes
	<ul style="list-style-type: none"> • Water Quality data 	2002-2006 (Annual)		Yes
	<ul style="list-style-type: none"> • Online Real time data on Water pollution 	Online		Yes
Noise Pollution	<ul style="list-style-type: none"> • Noise Monitoring Data of 7 cities (35 Stations); 	2013	Host Organization	Yes
	<ul style="list-style-type: none"> • Ambient Noise levels in Residential areas along major roads in Delhi; 	2005-2008		Yes
	<ul style="list-style-type: none"> • Online Real time data on Noise pollution 	Online		Yes

7.3. New Databases developed during the previous Financial Year (2013-14):

Redesigning of ENVIS CPCB Website in accordance with the uniform template of restructured ENVIS websites is being developed by ENVIS Centre 01 team, CPCB. (2013-2014)

Beta version is uploaded:

<http://cpcbenvis.nic.in/betaversion/index.html>

7.3.1. 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)
• National Water Quality findings	• Water Quality Trends	Descriptive and Graphical information	1995-2011	Host Organization	Yes
• Water Quality Trends in Rivers	• Water Quality Trends in Rivers	Graphical information	2002-2011	Host Organization	Yes

7.3.2. 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)
• Air Quality data (Parameter Wise) National Ambient Air Quality Status for SO₂ , NO₂ , RSPM	• Air Quality data (Parameter Wise) National Ambient Air Quality Status for SO₂ , NO₂ , RSPM	2007-2010 (Annual)	Host Organization	Yes
• Air Quality data (Metropolitan Cities Wise)	• Air Quality data (Metropolitan Cities Wise)	2007-2011 (Annual)		Yes
• National Water Quality data	• Water Quality data River wise	2007-2011 (Annual)	Host Organization	Yes
	• Water Quality data Medium and Minor River (State wise)	2007-2011 (Annual)		Yes
	• Water Quality data Creeks and canal	2007-2011 (Annual)		Yes
	• Water Quality data Lake ponds and Tank (State wise)	2007-2011 (Annual)		Yes

	<ul style="list-style-type: none"> • Water Quality data Ground Water (State wise) • Water Quality data (Year wise) 	2007-2011 (Annual)		Yes
		2007-2011 (Annual)		Yes
• Noise Monitoring Data	• Noise Monitoring Data of 7 cities (35 Monitoring Stations);	2013	Host Organization	Yes

8. Information/ Knowledge Products:

8.1. ENVIS Newsletters published during the previous Financial Year (2013-14):

Quarter/ Volume/ Issue/ Theme	Main Articles	Number of copies printed and circulated
1.	Bio Medical Waste: An Overview	Not printed

8.2. Other publications/ information products brought out during the previous Financial Year (2013-14):

Publication/ Product	Theme(s)/ Subject Area(s)	Number of copies printed and circulated
Scanned Publications	Scanned in house S & T publications	Uploaded on website
Grey Literature	Grey literature is informally published written material (such as reports) that may be difficult to trace.	Uploaded on website

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

9.1.	URL: www.cpcbenvis.nic.in		
9.2.	Status of restructuring of Website:	Restructured on (DD/MM/YYYY)	Not restructured (√)
9.3.	Frequency of updating Website:	Regular	
9.4.	Subject-specific database updation (numeric/ others):	Regular	
9.5.	Publication uploaded/ updated on Website:	Yes	

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

10.1.	Total number of visits on Website:	3,37,788
10.2.	Number of unique visits on Website:	17,817
10.3.	Number of reports downloaded/ read by stakeholders:	2,89,610

10.4. Query-Answer Statistics:

Mode of Query Receipt	Number of Queries Received	Number of Queries Responded	Reasons for shortfalls, if any, and action taken to rectify
Online	--	--	nil
Email	50-60 (yearly)	50-60 (yearly)	nil
Postal	--	--	nil
Physical	250 (yearly)	250 (yearly)	nil

11. Implementation of Annual Plan of Activities of the previous Financial Year (2013-14):

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefore
Centre's proposed activities 2013-14		
Redesigning ENVIS website in accordance with the uniform template of Restructured ENVIS Websites, containing separate sections for Subject Area Database, Publication, Latest News, Upcoming Events, Kids Centre/Corner, Glossary, Major Activities, Bibliography, etc. (Restructured ENVIS Websites like www.sulabhenvis.nic.in, wwfenvis.nic.in, www.wiienvis.nic.in, www.icpeenvis.nic.in, etc. may be referred for the purpose).	Redesigning ENVIS website in accordance with the uniform template of Restructured ENVIS Websites is being developed. Separate sections for Subject Area Database, Publication, Latest News, Upcoming Events, Kids Centre/Corner, Glossary, Major Activities, Bibliography, etc.	Poor Infrastructure and Lack of Funds
Development of new databases/ rearrangement of existing databases into clearly discernible Sections: - General information regarding Pollution (mainly descriptive) - Air pollution – Monitoring stations, time series data of various pollutants for different cities, trend analysis - Water pollution – Monitoring stations, time series data of water quality for different stations, trend analysis - Noise pollution– Monitoring stations, time	Development of new databases/ rearrangement of existing databases, switching over to static website and redesigning ENVIS website in accordance with the uniform template. - Information in single page, user-friendly; - Air pollution – Monitoring stations, time series data of various pollutants for different cities, Trends in Annual Average Concentration of SO ₂ , NO ₂ , and RSPM in Residential areas. Online Real time data on Air pollution; - Water pollution – Monitoring stations, time series data of water quality for different rivers, ground water, creeks canals (state wise) etc, water quality monitoring trends during 2002 to 2011 indicates river wise BOD Levels. Online Real time data on Water pollution; - Online Real time data on	

<p>series data of noise pollution for different cities, trend analysis</p> <ul style="list-style-type: none"> - R&D institutions - Acts/ Policies/ Regulations 	<p>Noise pollution, data will be hosted as an when host organization is provided;</p> <ul style="list-style-type: none"> - Related Links for other pollution control boards and website related to environments to facilitate decision-makers, Policy Planners, Research organizations, stakeholders and to general public. - Ambient air quality standards and other environmental standards 	
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Scientific Advisory Committee (SAC) recommendations and Suggestions by Processing and Subject Divisions, MoEF

<p>CPCB, being national level government body in prevention and control of pollution in the country should be flagship ENVIS Centre in the subject area.</p>	<p>ENVIS Advisory Committee yet to be constituted.</p>
<p>A complete overhauling of ENVIS website is needed.</p>	
<p>Centre should provide induction materials for visitors.</p>	
<p>Information should be arranged in a user friendly way and be made interactive and self contained.</p>	
<p>Upload information on hazardous waste, solid waste, plastic waste, electronic waste, bio medical waste etc.</p>	
<p>Upload information on trends of pollution at city, state and national level.</p>	
<p>Upload information on sustainable development, green growth, ecological security and energy security.</p>	
<p>List R&D institutions, policies, regulations, programmes and journals on the website.</p>	
<p>An ENVIS Advisory Committee should be constituted by the Centre for guiding its activities.</p>	

12.	New initiatives taken during the previous Financial Year (2013-14):	Redesigning ENVIS website in accordance with the uniform template of Restructured ENVIS Websites is being developed.
13.	Date of most recent physical verification by the Ministry:	25 April 2014

14. Status of existing hardware:

	Hardware item	Specification	Sanction Order with Date	Date of procurement
Procured from ENVIS Grant	2 desktop	HP , windows 8	No. 11/2/96 – EI dated 27 Dec 2013	26 March 2014
	1 Multifunction photocopier, printer, scanner	Kyocera, Taskalfa 2200		
	2 UPS	---	No. 11/2/96 – EI dated 27 Dec 2013	Under process
Provided by Host Institute	2 desktop	HP, window XP		
	1 scanner	HP Scanjet		

15. Status of utilization of grant in previous year (2013-14) and reasons for shortfalls, if any:

	Head of Expenditure	Sanctioned amount (₹)	Actual Expenditure (₹)	Reasons for Shortfall/ Excess (if any)
Recurring Annual	Manpower	4,80,600/-	3,91,023/-	
	Databases, etc.	2,30,000/-	Nil	
	Travel & Training	30,000/-	Nil	
Non-Recurring (Hardware/ ISBEID/ Any Other)	2 desktop	90,000/-	Nil	
	1 Multifunction photocopier, printer, scanner	55,000/-		
	2 UPS	5,000/-		

16. Issues/ hurdles faced in undertaking ENVIS activities:

16.1.	Lack of funds and Infrastructure.
16.2.	

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