

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

Format for the Annual Progress Report on Activities of ENVIS Centres

1.	Name of Host Organization:	Puducherry Pollution Control Committee						
2.	Assigned Subject Area:	Status of Environment and related issues						
3.	Date/Month/Year of establishment of ENVIS Centre:	September- 2005						
4.	Name and designation of ENVIS Coordinator:	Dr.N.Ramesh Environmental Engineer, Department of Science, Technology & Environment						
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
	G.Sivasubramanian	IT Asst.	B.Sc(Physics).,M.C.A., Experience 1. From 2000-2002 worked as the Computer Instructor at Govt.Hr.Sec.School, Buvanagiri, Tamilnadu	03-10-2005	-do-		13,000	1,56,000

			<p>Through EVERONN Systems.</p> <p>2. From May 2002- .Sep.2005 worked as Lab Faculty In the Rajiv Gandhi Engg.college, Pondicherry.</p> <p>3. Since, Oct 2005 Till date working as the IT Asst, ENVIS Centre, Puducherry Pollution Control Committee, Puducherry-5</p> <p>TotalExperience-14 years</p>					
6.	Mandate of the Host Organization	Mandate of the ENVIS Centre						
	Enforcement of Pollution Control Acts and Rules	Status of Environment and related issues						

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)
1.Solid waste management	<p>The problem of Municipal Solid Waste (MSW) Management has acquired alarming dimensions’ in country especially over the last decode.</p> <p>In the present issue the ENVIS, PPCC brining out the bibliography on MSW Management. The data were collected from various sources through internet which includes the data mainly from journals of national and international repute.</p>	Descriptive,	Monthly, Yearly Collection of material from Local administrative Department	LAD,Govt.of Puducherry	Uploaded in the ENVIS Website
2.Waste to Energy	Energy in the basic requirement for all the activities. Growing demand for energy results in increasing of dependency over	Descriptive	Monthly, Yearly Collection of material from	Source: http://www.undp.org.in http://www.iredaltd.com	Uploaded in the ENVIS Website

	<p>fossil fuels as most of the energy is delivered from them.</p> <p>The Waste generation is continuous process, the energy obtained from the waste is considered as renewable energy Waste –to-Energy significantly reduces methane gas emissions , convert of the wastes these valuable emissions from an environmental problem into a profitable product is the key challange Some of the important methods of Waste-to-Energy are dealt in this News letter.</p>				
3. E-Waste	This issue brings into focus on the statistics, methods of disposal, problems/dangers and the laws in the e-waste and concludes with an urgent need for improvement in e-waste management.	Descriptive	Monthly	Source: CII, 2006; http://www.ban.org Source: CII, 2006, http://www.ban.org ; http://www.computertakeback.com ;	Uploaded in the ENVIS Website
4.Bio-Medical Waste Management	<p>In this newsletter the following points on Bio-Medical waste management are discussed</p> <p>(1)Why BMW needs management (2) Rules & Provisions of BMW (3) Successive waste disposal Mechanism (4)Action plan needed</p>	Descriptive	Monthly,	Source: The Hindu, July 26, 2005; The Hindu, April 11, 2006; http://www.bcpt.org.in/biomedical.pdf ; www.teri.org ; http://kspcb.kar.nic.in/BMW/quantityofwaste.asp	Uploaded in the ENVIS Website

	(5) NGO'S in BMWM and recommendations				
5.Agriculture Waste Management	In recent years, biomass contributes to 14% of the total energy supply worldwide and this account to about 38% for developing countries, predominantly in the rural and traditional sectors.	Descriptive	Monthly,	Source: http://www.itcltd.com/docs/brique ; http://ces.iisc.ernet.in/energy	Uploaded in the ENVIS Website
6.Plastics disadvantages, advantages	This issues brings into focus on-Plasticsdisadvantages,advantages,classification and usages and disposal of plastics	Descriptive	Monthly,	Sources: http://en.wikipedia.org/wiki http://news.bbc.co.uk http://www.boloji.com/society http://www.envis-icpe.com http://www.recyclingpoint.com http://www.eia.doe.gov/ http://www.tribuneindia.com	Uploaded in the ENVIS Website
7. Plastics-Disadvantages, Developments of Degradable Plastics	This issue brings into focus on plastics-disadvantage, Universal remedy for plastic reduce, reuse and recycle	Descriptive	Monthly		Uploaded in the ENVIS Website
8.Municipal Solid waste	The problem of Municipal solid waste(MSW) Management has acquired alarming dimensions in country especially over the last decade. In the present issue,ENVIS,PPCC bringing out the bibilograpghy on MSW Management	Descriptive	Monthly	Sources http://www.sanicon.net/home.php3 http://www.sanicon.net/titles/topicintro.php3?topicId=4 The economic times, 18 Dec 2007	Uploaded in the ENVIS Website
9.Abstract on Municipal solid waste	Municipal solid waste collection, treatment & disposal are a environmental concern one that is growing every year. This issue focuses on the complete scenario of MSW and its management, helps to understdnd the details about the ill effects of improper disposal and possible eco-friendly management method that could be employed in the U.T	Descriptive	Monthly	Source: http://eprints.iisc.ernet.in/.html	Uploaded in the ENVIS Website

10.E-waste Management	This issue brings into focus on the statistics, methods of disposal, problems/dangers and the laws in the e-waste management.	Descriptive	Monthly	http://www.ban.org ; http://www.computertakeback.com ;	Uploaded in the ENVIS Website
11.Clean Development Mechanism	The Clean Development Mechanism(CDM) is an arrangement under the Kyoto Protocol allowing industrialized countries with a greenhouse gas reduction commitment to invest in project that reduce expensive emission reductions in their own countries. This issue discussed about CDM.	Descriptive	Monthly	Source: http://unfccc.int/ http://en.wikipedia.org/wiki/United_Nations_Framework_Convention_on_Climate_Change/ http://www.cdmindia.com/ http://www.natcomindia.org http://www.kyomecha.org/pdf/TERI_Report_0729.pdf http://cdm.ccchina.gov.cn/WebSite/CDM/UpFile/File1281.pdf . www.cdmpipeline.org , www.cd4cdm.org and www.uneprisoe.org http://www.scribd.com/ http://www.carbonfinance.org/ http://www.oecd.org/	Uploaded in the ENVIS Website
12.Special Waste	Special waste due to its hazardous nature requires unique handling, treatment, and disposal. These waste while in direct contact can cause ill effect on health and the environment especially to rag/waste pickers. This newsletter reviews the topic of special wastes superficially. There are a number of special wastes that	Descriptive	Monthly	Mobile vans to manage e-waste Source : The Hindu, September 20, 2008 Waste management vital to prevent release of dioxins' Source : The Hindu, 29th October 2008 Ramky bags Assam waste management order Source : The Hindu, Business Line, October 29, 2008 E-waste management: Bangalore shows the way Source : Indian Express, September	Uploaded in the ENVIS Website

	are generated in an urban area.			11, 2008 Waste management campaign in public domain Source: Indian Express, September, 18, 2008	
13. Electronic Waste - Abstract	E-Waste or electronic waste is one of the rapidly growing environment problem of the world. In India the E-waste Management assumes greater significance not only due to the generation of our waste but also dumping of E-Waste particularly computer waste from the developed countries. This issue brings into focus some of the abstracts on eco-friendly E-Waste Management process in recent times.				Uploaded in the ENVIS Website
14. Slaughter House Waste	A Slaughter house also called an abattoir is a facility where animals are killed and processed into meat foods. In this news letters, focusing on problems due to	Descriptive	Monthly	Source: http://www.cababstractsplus.org/abstracts/Abstract.aspx?AcNo=20053118900	Uploaded in the ENVIS Website

	unauthorized slaughter house waste, prevailing process, measures proposed to improve the slaughter house management curbing activities of illegal <u>slaughting</u> of animals, Global eco-friendly case studies and slaughter house waste in Puducherry.				
15.Hazardous Waste Management	This article focuses on the current status, problems and challenges, policy issues, policy and future strategies for improvement in HW managements system in India.	Descriptive	Monthly	Source: http://www.emergency-management.net/ http://www.cpcb.nic.in/hpcreport/ . http://bvbabu.50megs.com/custom.html/#16 . http://sdnp.delhi.nic.in/soer/ind_waste.pdf . http://www.ngdc.noaa.gov/seg/hazard/resource .	Uploaded in the ENVIS Website
16.Bio-Diversity in wetlands	Wetlands are one of the most productive ecosystems, comparable to tropical evergreen forests in the biosphere and play a significant role in the ecological sustainability of a region. This issue gives an outline on	Descriptive	Monthly	Source: Department of Survey and Land records, Government of Puducherry. http://www.undp.org/biodiversity http://www.wcmc.org http://www.iisc.ernet.in http://www.swif.ait.ac.th/ http://www.tropecol.com http://en.wikipedia.org/wiki/Wetl	Uploaded in the ENVIS Website

	the wetlands and its biodiversity.			and http://www.ens-newswire.com/ens/	
17. wetlands-Abstract	Wetland are special land resource and play a unique and valuable ecological role, Wetlands, the fragile ecosystems, are declining in most pars of the world. Wetlands are helpful	Descriptive	Monthly		Uploaded in the ENVIS Website
18.Bio-Diversity	Bio Diversity – The variety of plants, animals and Eco systems in the world is a measure of our plants wealth. Bio Diversity is defined in terms of variability in genes, species and eco system. In this issue, an effort has been made to highlight the status of oussudu lake and the efforts that are being made to conserve and improve the habitat.	Descriptive	Monthly	Source: Forest Department Govt.of Puducherry	Uploaded in the ENVIS Website

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)																																							
National Hazardous waste Information system	Authorization statistics of Hazardous waste generating units	Annually	PPCC Records	Upload on ENVIS website																																							
	Region wise Break-up HW Based on disposal waste																																										
	<table><tr><th rowspan="2">Sl. No</th><th rowspan="2">Region</th><th colspan="3">Quantity of HW in TPA</th><th rowspan="2">TOTAL</th></tr><tr><th>SLF*</th><th>RCL**</th><th>INC***</th></tr><tr><td>1</td><td>Pondicherry</td><td>129.2</td><td>32011.6</td><td>22.72</td><td>32164</td></tr><tr><td>2</td><td>Karaikal</td><td>3.36</td><td>63.42</td><td>0.84</td><td>67.62</td></tr><tr><td>3</td><td>Yanam</td><td>-</td><td>3017.8</td><td>1.2</td><td>3019</td></tr><tr><td>4</td><td>Mahe</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td colspan="2">Total</td><td>132.5</td><td>35092.8</td><td>24.8</td><td>35250.076</td></tr></table>				Sl. No	Region	Quantity of HW in TPA			TOTAL	SLF*	RCL**	INC***	1	Pondicherry	129.2	32011.6	22.72	32164	2	Karaikal	3.36	63.42	0.84	67.62	3	Yanam	-	3017.8	1.2	3019	4	Mahe	-	-	-	-	Total		132.5	35092.8	24.8	35250.076
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SLF*-Sanitary Land Filling RCL**-Recyclable INC***-Incinerable																																											
Issue of Authorization –Region wise																																											
<table><tr><th>Sl.No</th><th>Region</th><th>Total No.of Units</th></tr><tr><td>1</td><td>Pondicherry</td><td>93</td></tr><tr><td>2</td><td>Karaikal</td><td>07</td></tr><tr><td>3</td><td>Yanam</td><td>03</td></tr><tr><td>4</td><td>Mahe</td><td>Nil</td></tr><tr><td colspan="2">Total</td><td>103</td></tr></table>	Sl.No	Region	Total No.of Units	1	Pondicherry	93	2	Karaikal	07	3	Yanam	03	4	Mahe	Nil	Total		103																									
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1	Pondicherry	93																																									
2	Karaikal	07																																									
3	Yanam	03																																									
4	Mahe	Nil																																									
Total		103																																									

Municipal solid waste	Total Quantity of MSW IN Pondicherry-600 TPA	Annually	PPCC Records	Upload on ENVIS website
Industrial Solid waste				

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

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)

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)

7.4. Status of data entry in ISBEID: (For State/ UT ENVIS Centres) – As in **Annex**

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
Jan-march/ VI-VOLUME/I-Issue Bio Diversity	Bio-Diversity of Puducherry-oustery	100 Copies and circulated all ENVIS CENTRES
April-June VI-Volume/II-Issue Green House Gas Inventory	While finalizing the Climate Change Action Plan, it was felt that knowledge of baseline emission is needed to monitor the progress. The exercise was taken up to estimate the GHG emission from various activities across the UT. of Puducherry. Considering the total emission of 3.46 million tonnes of CO ₂ e and population of 1.247 million the per-capita emission in Puducherry is estimated at 2.7 t CO ₂ e in compared to national per capita emission of 1.7t CO ₂ e (2007).	Editing stage of the newsletter

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
Annual survey of Environment Report	Theme: Think-eat –save (release –in june-5 th -2013) Raise Your voice not the Sea level(editing Stage)	300 Editing stage of the Annual Environment Report

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

9.1.	URL:	http://dste.puducherry.gov.in/envisnew/envis1.htm	
9.2.	Status of restructuring of Website:	Restructured (under upgradation)	Not restructured
9.3.	Frequency of updating Website:	NEWS –DAILY EVENTS-WEEKLY,MONTHLY PUBLICATIONS-MONTHLY FEED BACK AND QUERY STATUS-WEEKLY	
9.4.	Subject-specific database updation (numeric/ others):	Solid waste management data base specifically updated	
9.5.	Publication uploaded/ updated on Website:	Publication of ENVIS Newsletters and other annual Reports have been updated on website	

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:	Total No.of visitors 20230 since : 2007
10.2.	Number of unique visits on Website:	2178
10.3.	Number of reports downloaded/ read by stakeholders:	19 Reports downloaded from CPCB and 12 from zonal office Bangalore

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			
Email	78 queries received from dste.pon@nic.in	Responded all received Queries	Does not arise

Mode of Query Receipt	Number of Queries Received	Number of Queries Responded	Reasons for shortfalls, if any, and action taken to rectify
	envis.pon@nic.in		
Postal			
Physical	25	25	

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

Activity/ Target	Achievements	Shortfalls, if any, and reasons therefor
Centre's proposed activities 2013-14		
Development of Databases/Studies: <ul style="list-style-type: none"> - No new study/database proposed; - Collection of PhD theses on solid waste management and to be placed in the website 	The centre has collected information from thesis and dissertation in the allotted topic from education institution and from internet	
Incorporation of features in the website: <ul style="list-style-type: none"> - Revamp ENVIS website - Regular updation of content - Newsletters - Quiz 	-Revamp of ENVIS website is under construction. -Regular updation of current content Newsletters ENVIS Newsletters are quarterly published every Year (4news letter per year) from 2005 till 2014 and uploaded in the ENVIS website. (First Quarter Jan-March,Second Quarter-April-June,Third Quarter July-Sep,Fourth Quarter Oct-Dec)	

	<p>18 news letter have been were published and Circulated to all ENVIS centres ,all department in the U.T of Pondicherry,Stakeholders,institutions</p> <p>Quiz:</p> <p>Quiz Programme were conducted in the School and institutions at Puducherry region</p>	
<p>Publications</p> <ul style="list-style-type: none"> - Quarterly newsletters (4 nos.) 	One newsletter has been published	
<p>Other activities</p> <ul style="list-style-type: none"> - Filling up Programme Officer post 	Under process	
ENVIS Workshop, Feb 2012 and post-workshop follow-up		
<p>Completion of data entry in all respects for ISBEID pertaining to modules (up to 2012-13), namely:</p> <ul style="list-style-type: none"> - Forest Resources - Water Pollution - Air Pollution - Biodiversity - Ecology - Waste - Water Resources - Tourism and Heritage 	<ul style="list-style-type: none"> -Forest Resource- completion of data entry up to 2011 - Water Pollution -completion of data entry up to 2013 - Air Pollution - completion of data entry up to 2013 - Biodiversity - Completion of of data entry in all respects for ISBEID Upto 2013 - Ecology - Completion of of data entry in all respects for ISBEID Upto 2014 -Waste- Completion of of data entry in all respects for ISBEID Upto 2013 -Water resource- Completion of of data entry in all respects for ISBEID Upto 2014 -Tourism and Heritage - Completion of of data entry in all respects for ISBEID Upto 2014 	
Suggestions for improvement by Processing Division, MoEF		

Miscellaneous observations: <ul style="list-style-type: none"> - More productive use of ISBEID data by publishing papers, analysis reports, etc. - Update ISBEID data more frequently. Use more modules. Complete back data entry. - Authenticate data and use proper references/citations both in ISBEID and Website. Provide references to only published/verifiable sources. - Develop better content to engage and elicit public participation, visits, queries and downloads etc. to the website. - Develop more value-added products such as books, SoER, CD/DVDs, Software and databases etc. 		
12.	New initiatives taken during the previous Financial Year (2013-14):	Collection of data pertaining to climate change with respect to U.T.of Puducherry
13.	Date of most recent physical verification by the Ministry:	22.11.2012

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14. Status of existing hardware:

	Hardware item	Specification	Sanction Order with Date	Date of procurement
Procured from ENVIS Grant	Desktop-Acer-1	Intel® Corei7-2600cpu@3.40 3.40 GHZ Installed Memory-2.00 GB 32-Bit Operating system	No.11/77/2004-EI DATE:29-11-2013	04.07.2013
	Numeric-UPS-2Nos	Numeric Digital 600EX	do	15-07-2013
Provided by Host Institute				

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	2,49,000	1,67,000	
	Databases, etc.	1,08,500	62,420	
	Travel & Training	20,000	47,600	
Non-Recurring (Hardware/ ISBEID/ Any Other)				
	Computer Purchase	50,000	43,877	

16. Issues/ hurdles faced in undertaking ENVIS activities: Non availability of regular staff

16.1.	
16.2.	

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Status of data entry in ISBEID: (For State/ UT ENVIS Centres):

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
I. Adminis- trative	1. General	Name				
		No. of Districts (with name)	1.Puducherry 2.Karaikal 3.Yanam 4.Mahe	Jan-Dec 2013		
		No. of Mandals/ Tahsils/ Taluks (with name)	1.Pondicherry 2.Oulgarat 3.Bahour 4.Villianour 5.Karaikal 6.Thirunallar 7.Mahe 8.Yanam			
		No. of Blocks (with name)	1.Oulgarat 2.Ariyankuppam 3.Villianour 4.Thalatheru-karaikal 5.Mahe 6.Yanam			
		No. of Municipalities (with name)	1.Pondicherry Municipality 2.Oulgarat Municipality 3.Karaikal 4.Mahe 5.Yanam			
		No. of Panchayats	1.Ariyankuppam 2.Bahour 3.Villianour 4.Nettapakkam 5.Mannadipet 6.Niravi 7.T.R.Pattinam 8.Kottucherry 9.Thirunallar 10.Nedunkadu			
		No. of Cities with million plus population (with name)	One,Pondicherry			
		No. of Tribal Settlements	Nil			
		Elevation above mean sea level (Maximum)	10 mt			
		Elevation above mean sea level (Minimum)	1 mt			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Total geographical area	492 km square			
		GDP of the state (Sector wise)				
		- Primary	NA			
		- Secondary	NA			
		- Tertiary	1.24 (in Million)			
	2. Socio Economics	No. of BPL household in millions	1	April2013-March2014		
		% of Household below poverty line	1.850			
	3. Climate	Average mean monthly temperature (Max.)	32.77-Pondicherry 32.94-karaikal 32.88 –Mahe 32.46 -Yanam	Jan-dec 2013		Pondicherry Jan -29.5 Feb-30.7 Mar -32.3 Apr-34.2 May-36.7 June-36 July- 35 Aug-34 Sep-34.1 Oct-31.9 Nov-29.8 Dec-29.1 Karaikal Jan -29.5 Feb-30.7 Mar -32.3 Apr-34.2 May-36.7 June-37 July- 35 Aug-35 Sep-34.1 Oct-31.9 Nov-29.8 Dec-29.1 Mahe Jan -29.5 Feb-30.7 Mar -32.3 Apr-34.2 May-36.7 June-39 July- 38 Aug-29 Sep-30.2 Oct-31 Nov-31.9 Dec-32.1

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
						Nov-24.1 Dec-22.8 Yanam Jan -19 Feb-20.8 Mar -22.6 Apr-25.7 May-27.5 June-27 July- 25 Aug-25 Sep-25.8 Oct-24.8 Nov-22.4 Dec-20.4
		Total annual Rainfall	Pondicherry-959.40 Karaikal-1015.80 Mahe3490.00 Yanam 1052.80	Jan-dec 2013		Pondicherry Jan - Feb- Mar -34 Apr- May-0.6 June-40 July- 50 Aug-333 Sep-136 Oct-74.4 Nov-219 Dec-100 Karaikal Jan -10.2 Feb-10.1 Mar -9.9 Apr-NA May-0.5 June-50 July- 50 Aug-126 Sep-120.8 Oct-115.1 Nov-225.3 Dec-265.1 Mahe Jan -NA Feb-25.6 Mar -41.6 Apr-252 May-252 June408.2 July- 455.1

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
						Aug-453 Sep-240.4 Oct-311.8 Nov-42.8 Dec-NA Yanam Jan -NA Feb-8 Mar -NA Apr-56.6 May-6.6 June-63.8 July- 300 Aug-79.1 Sep-118.8 Oct-504 Nov-74.8 Dec-NA
		Relative Humidity	Pondicherry-82.16 Karaikal-77.41 Mahe-79.41 Yanam-77	Jan-dec 2013		Pondicherry Jan -79 Feb-80 Mar -77 Apr-78 May-70 June-66 July- 67 Aug-71 Sep-71 Oct-81 Nov-82 Dec-82 Karaikal Jan -79 Feb-80 Mar -77 Apr-78 May-70 June-67 July- 68 Aug-71 Sep-82 Oct-91 Nov-83 Dec-83 Mahe Jan -79 Feb-80 Mar -77 Apr-78 May-70

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
						June-83 July- 83 Aug-71 Sep-81 Oct-83 Nov-84 Dec-84 Yanam Jan -81 Feb-80 Mar -75 Apr-77 May-70 June-80 July- 69 Aug-68 Sep-76 Oct-84 Nov-84 Dec-80
	4. Demography	Population (for last 4 decades - 1961 - 71 - 81- 91- 2001)	1.240 (Millions)			
		Total Population	Year--2001- 0.97(million) Year--1991 0.80(million) Year-1981- 0.60(million) Year-1971- 0.047(Million) Year-1961 -0.36(million)	April-2013- march-2014		
		Males Population	Year-2001- 0.46(million)			
		Females Population	Year-2001- 0.47(million)			
		Density	Year-2001 2034(People/Square metre) Year-1991 1641.83(People /Square metre) Year-1981 1229(People /Square metre)			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
			Year-1971 983(People /Square metre) Year-1961 758.16(People /Square metre)			
		Area in	Year-2001-479(square km) Year-1991-492(square km) Year-1981-492(square km) Year-1971-480(square km) Year-1961-468(square km)			
		No. of females/thousand males (sex ratio)	Year-2001-1001 Year-1991-979			
		% of Literacy	Year-2001-81.24(in %) Year-1991-74.74 Year-1981-55.85 Year-1971-46.02 Year-1961-33.43			
		% of population attending school	Year-2001-81.2 4 % Year-1991-74.74% Year-1981-55.85%			
		Crude Birth Rate (Nos. per 1000 population)	Year-2001-17.8 Year-1991-45 Year-1981-44.9 Year-1971-37.6 Year-1961-41.7			
		Crude Death Rate (Nos. per 1000 population)	Year-2001-6 Year-1991-10.3 Year-1981-10.9 Year-1971-13.5 Year-1961-25.4			
II. Infrastructure	1. Housing	Permanent	301276	April-2013-march-2014		
		Semi- Permanent	206221			
		Temporary	95,055			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
	2. Medical and Health Service	Average Household Size (Persons per HH)	1,07280			
		No. of Government Hospitals	55	April-2013-march-2014		
		No. of Registered private hospitals/ nursing homes	61			
	3. Transport 2013-14	No. of Railway Stations	3	April-2013-march-2014		
		Length of Railway Lines	38			
		Length of National Highways	650080			
		Length of State Highways	38.14550			
		Length of other roads	2,332.1080			
		No. of Domestic Airports	1			
		No. of international Airports	-			
III.Energy	1. Non-Renewable	Coal power generation		Jan-Dec 2013		
		Installed Capacity				
		Gas Power generation	a. 1.3280760			
		Installed Capacity	a.32.50			
		Oil based power generation				
		Installed Capacity				
		Atomic power generation	a. 1.95460(thermal)			
		Installed Capacity	a. 32.50			
	2. Renewable	Hydel power generation		Jan-Dec 2013		
		Installed Capacity				
		Windmill power generation				
		Installed Capacity				
		Solar photovoltaic power generation				
		Installed Capacity				
		Biogas power generation	0			
		Installed Capacity	0.0002810			
		Other biomass power generation				
		Installed Capacity				
	3. Electricity Consumpti	Industrial and Commercial	1,716.740	Jan-Dec 2013		
		Agriculture	56.740			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
	on	Domestic	564.330			
	4. Energy Consumption	LPG	35(t/a)	Jan-Dec 2013		
		Other Petroleum Products	92(t/a)			
		Coal				
		Natural Gas				
		Other	334(t/a)			
IV. Agriculture	1. Agriculture Area Classification	Total agricultural area	57,610	Jan-Dec 2013		
		Area under non-agriculture use	18,547			
		Barren and uncultivable land	72			
		Permanent pasture / grazing land	7,781			
		Net irrigated land	13,830			
		New Sown area	16,131			
		Plantation crops	1,199			
		Area under organic farming thereof	50			
	2. Agriculture Production	Total production of crops	346726.990000	Jan-Dec 2013		
		Yield of Kharif Crops %	312675.736000			
		Yield of Rabi Crops %	79.000000			
		Yield of other crops %	33972.254000			
	3. Crop Production (plantation crops) (in million tons per annum)	Name		Jan-Dec 2013		
		Production				
		Rice				
		Sowing Area	0.000000			
		Production	0.040000			
		Wheat				
		Sowing Area				
		Production				
		Pulses				
		Sowing Area				
		Production				
		Total food grains				
		Sowing Area	0.000000			
		Production	0.410000			
		Cotton				
		Sowing Area				

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Production				
		Jute &mesta				
		Sowing Area				
		Production				
		Sugarcane				
		Sowing Area	0.150000			
		Production	0.310000			
		Tobacco				
		Sowing Area				
		Production				
		Oil Seeds				
		Sowing Area				
		Production				
		Others				
		Sowing Area				
		Production				
	4. Fertilizer Consumption	Nitrogen	0.040000	April2013-March2014		
		Phosphate	0.040000			
		Potash	0.040000			
		Others	0.010000			
	5. Pesticide Consumption	Insecticides	0.000310	April2013-March2014		
		Fungicides	0.000310			
		Weedicides	0.000310			
		Rodenticide	0.000310			
		Fumigants	0.000310			
		Others				
V. Industries	1. Category of Industry	Total No. of Large Scale Industries	77	April2013-March2014		
		Total No. of Medium Scale Industries	195			
		Total No. of Small scale Industries	8807			
		Total No. of Red Category Industries	277			
		Total No. of Orange Category Industries	1144			
		Total No. of Green Category Industries	1856			
	2. Mining & Quarrying	Iron		April2013-March2014		
		Copper				
		Lead				

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Zinc				
		Nickel				
		Manganese				
		Bauxite				
		Coal				
		Other (Chromite)	0			
		Name of the Mineral Resources				
VI. Tourism & Heritage	1. Tourism & Heritage	Name and location of Heritage sites		April 2013- March 2014	Pondicherry - Children's Park and Duplex Statue, Pondicherry - The Marie Beach Road, Pondicherry - Aayi Mandapam Pondicherry - French war memorial Beach road, Pondicherry - Gandhi Statue Beach Road, Pondicherry - Nehru Statue, Near Beach Road Pondicherry - Sri Aurobindo Ashram Arabindo st, Pondicherry - 19 th Centaury Light House, Seashore	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					Puducherry - Raj Nivas Pondicherry - UCO bank ,Pondicherry -Ananda Rangapillai House,Pondicherry -Le Foyer du soldat At law,Pondicherry -Lycee France Victor simonel st,Pondicherry -Public works Department, Bussy st,Pondicherry -The church of our lady of the Angeles, Dumas Street Pondicherry -French Consulate Near Beach, Pondicherry -	
		Name and location of Religious places/centres		April2013-March2014	-Pondicherry - Vedhapurees warar Temple Easwaran	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					Koil st- Pondicherry, -Kanniga Parameswari Temple Kamatchiam man Temple Bharathi St Pondicherry. - Kamatchiam man Temple Bharathi St Pondicherry -Notre Dame de' Mission st, Pondicherry -The Church of Our Lady of Lourdes Villianour Pondicherry - The Notre Dame des Anges Roman Rolland st Pondicherry -Karaikal -Sri Tantonreesw ara Temple nedunkadu Karaikal -Saniswaran Temple Thirunallar,K araikal -Arulmighu Badrakaliam man Temple Ambagarat Arulmughu Angalammn	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					Temple Keezhavoor Karaikal Mahe St. Teresa s Church, Mahe Yanam -Goddess poleramma temple -Lord Shiva temple, Yanam	
		Name and location Archaeological monuments/sites		April 2013- March 2014	Pondicherry - Moolanthas wami Temple ,Bahour, Pond icherry - Thirukundan gudimahadev a Temple, Madagadipet Puducherry - Egambaresw ara Temple, Settu r Pondicherry - Varadarajape rumal Temple, Thiru buvanai Pondicherry -Panchanda Eswara Temple, Thiru vandarkoil, Po ndicherry -Arikamedu Early Historicsite, A	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					riyankupam, Pondicherry Karaikal -Sri Tantonreesw ara Temple nedunkadu,K araikai - wayambunat haswamy Temple,Nedu nkadu- Karaikal Mahe -Lord s Fortress or Altamira Palace,Mahe	
		Name and location of Scenic Areas		April2013- March2014	Pondicherry -Aurobindo Ashram Aurobindo st,Pondicherr y -Aayi Mandapam and Bharathi Park,Pondich erry -Auroville Globe Auroville,Pon dicherry Karaikal -Lord SaneeswaraT emple,Thirun allar,Karaikal -Karaikal Ammaiya r Temple,Karai	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					kal Mahe -The Puthalam Temple,Mah e -Mahe Beach,Mahe -Tagore Park Mahe -Mahe Walkway and Water sports complex ,Mahe Yanam -Annavaram Temple-Yanam -GMC Bridge,Yanam -Lord Siva lingam on Godavari River shore,Yanam -ShivaLayam - RamaSwamy Chervu Uppangala,Y anam -Gauthami Godavari River,Yanam -Statue of Rajiv Gandhi,Yana m -epilica of redeemer statue of Rio	

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
					de jenerio. Yanam -Gate Way to Yanam,Yanam	
		Name and location of Tourist Resorts		April2013-March2014	Pondicherry -The Promenade Beach, Pondicherry -Auro Beach Chinnamudali ar Chavadi,Pondicherry -Chunnambar Beach Nonamkuppam, Pondicherry - Puduckuppam Beach Puduckuppam -pondicherry -St.James court Beach Kalapet,Pondicherry. -Le Pondy Puduckuppam Pondicherry -Kailash Resort. Pooranamkuu m,Pondicherry	
VII. Natural	1. Land Use Classificati	Total Geographical Area	0.049200 in million hectare	Jan-Dec 2013		

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
Resources	Agriculture	Forest	0			
		Non-Agriculture use	0			
		Barren and uncultivable land	0			
		Permanent pastures and other grazing land	0			
		Miscellaneous tree crops and groves	0			
		Cultivable wasteland				
		Fallow land other than current fallow				
		Current fallow Net area sown				
		Gross cropped area				
		Area sown more than once				
		Net irrigated area				
		Gross irrigated area				
	2. Land Degradation	Degraded land area	0	Jan-Dec 2013		
		Degraded Irrigated land	0			
		Area affected by shifting cultivation	0			
		Deforestation rate	0			
		Total salt affected land	0			
		Salinization rate	0			
		Area effected by desertification	0			
	3. Waste Land	Gullied & or Ravenous Land %	0.100000	Jan-Dec 2013		
		Upland with or without Scrub %	0.600000			
		Water Logged & marshy Land %	0.700000			
		land affected by Salinity/Alkalinity Coastal/ Inland %	0.000000			
		Underutilized Degraded Notified Forest Land %	0.000000			
		Shifting Cultivation Area %	0.000000			
		Degraded Land under Plantation Crops %	0.000000			
		Degraded Pastures/Grazing Land %	0.000000			
		Mining Industrial Wastelands %	0.000000			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Sands - Deserted Coastal %	3.630000			
		Steep Slopping Area %	0.000000			
		Barren Rocky/Stony Waste/Sheet Rocky Area %	0.000000			
		Snow Covered and/or Glacial Area %	0.000000			
		Names of wetlands of national importance	-	Jan-Dec 2013		
		Names of wetlands of international importance (Ramsar site etc.)				
	4. Types of Wetlands	Coastal /Estuaries	29.63			
		Fresh water Lakes	17.63			
		Tanks/Ponds/Reservoirs /Dams	13.69			
		Marshes (Tidal/Non-Tidal)	1.04			
		Swamps	-			
		Mangroves	4.5			
		Flood Plains	-			
		Total Area of Wetland	31.95			
		Others	-			
	5. Soil Types	Black Soil		Jan-Dec 2013		
		Red Soil	0 (in Million Hectare)			
		Desert Soil	-			
		Grey and Brown Soil	-			
		Saline & Alkaline Soil	-			
		Laterite Soil	-			
		Alluvial Soil	-			
		Mountain Soil	-			
		Mix Red & Black Soil	-			
		Peaty Soil	-			
VIII. Forest Resource	1. Distribution of Forest Cover	Dense Forest	35.370000	Jan-Dec 2013		
		Open Forests	15.870000			
		Mangroves	1.000000			
		Trees outside forests	-			
		Numbers	-			
		Area in	-			
		Non Forest	430.030999			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
	2. Recorded Forest	Reserved Forest	0	Jan-Dec 2013		
		Protected Forest	1.9994			
		Unclassed Forest	11.0006			
	3. Mining in Forests	Bauxite	0	Jan-Dec 2013		
		Chromite	0			
		Copper	0			
		Iron	0			
		Manganese	0			
		Others	0			
	4. Actual Forest Cover by Density Class	Dense Forest (Crown density Cover Area above 40%) (in ha)	35.37	Jan-Dec 2013		
		Open Forest (Crown density 10- 40% (in ha)	14.69			
		Mangrove (in ha)	1			
	5. Forest Produce	Timber poles	0	Jan-Dec 2013		
		Fuel wood	0			
		Pulp & match Wood	0			
		Sal seeds	0			
		Kandu/Bedi leaves	0			
		Gums & Resins	0			
		Cane/Rattan & Bamboo	0			
		Grass /Fodder	0			
		Drugs/Tannins	0			
		Spices	0			
		Lac	0			
		Others	0			
	6. Joint Forest Management Committee	Name of District		Jan-Dec 2013		
		No. of JFMC	0			
IX. Water Resource	1. Source of Water	Name of River	Sangarabarani Chunnambar	April2013-March2014		
		Total Length	34			
		Catchment Area	30			
		Seasonality (Perennial/Seasonal)	Perennial			
		Canals (Length)	81.55(km)			
		Reservoirs	21.7			
		Tanks, Lakes & Ponds	3028			
		Brackish Water	-			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Government Owned Canals	-			
		Private Canals				
		Tanks	85			
		Wells	3			
		Tube Wells	10			
X. Ground Water Resource	1. Status of Ground Water	Total Replenishable Ground Water Resource	0.174(in million hectare meter/Annum	Jan-Dec 2013		
		Provision for industrial/ domestic/ other uses	0.026			
		Available Ground Water Resource	0.148			
		Net Draft				
		Balance Ground Water	0.032			
		Level of Ground Water Development (%)	77.85			
		Utilization Ground Water Resource for irrigation in Net terms	0.05			
		Gross Draft Estimated on Pro-rata basis	0.01			
	2. Categorization of Water Level	Pre-Monsoon average depth to water level	1.83-3.85	Jan-Dec 2013		
		Post Monsoon average depth to water level	2.23-5.9			
		No. of Over Exploited Area	28300			
		total Ground Water Resource	0.31			
	3. Use of Ground Water	Quantity of ground water for irrigation	0.148	Jan-Dec 2013		
		Available ground water for irrigation	0.148			
		Utilizable ground water for irrigation	0.05			
		Net ground water draft	0.115			
XI. Ecology	1. Ecological Areas	Name of Biogeographical Zones	coast	April2013-March2014		
	2. Physiographical Features	Name of National Parks		April2013-March2014		
		Name of Wildlife Sanctuaries				
		Name of Bird Sanctuaries	Ousteri lake,Ousteri,Pondicherry			
		Name of Tiger Reserves	-			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Name of Elephant Reserves	-			
		Name of Biosphere Reserves	-			
		Name of Protected Mangroves area (Private & Public)	-			
		Length of coastline				
	3. Botanical Gardens	Name of Botanical Garden	Jawahar Botanical Garden	April2013-March2014		
		Area of Botanical Garden	22			
		Location	Pondicherry			
		Uniqueness	-			
	4. Zoological Parks	Name of Zoological Park	-	April2013-March2014		
		Area of Zoological Park	-			
		Location	-			
		Uniqueness	-			
XII. Sanitation	1.	No. of Town covered	1	April2013-March2014		
		No. of Town not covered	3			
		Total No. of treatment plants	2			
XIII. Water Pollution		Rivers/Lakes/Canals/Tanks/Wells		Jan-Dec 2013		
		Settlement and Land Use Activity along the Coastline	NA			
		Length of Coastline (Km)	43			
		Area (Sq.Km)				
		Population (lac)	0.9			
		No. of Coastal City/Towns	3			
		Dependent Coast Land use	NA			
		Preferring Coast Land use	NA			
		Water-based land use	NA			
		Municipal and domestic Waste %				
		Industrial Waste %				
		Toxic Metals %				
		Oil Pollution %				
		Fertilizer %				
		Dredging &				

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Reclamation%				
		Siltation %				
		Discharge of Coolant waters %				
		Toxic Chemicals %				
		Offshore mining %				
	2. Health	Type of Disease	1.Communicable	Apr2013-March-2014		
		Name of Disease	a.Diahorria b.Vibro Cholera c.Dysentry			
		No. of Deaths	a. 0 b. 0 c. c			
XIV. Air Pollution	1. Industrial	SO ₂	Annual Average 6.91	Jan-Dec 2013 Jan-6.5 Feb-6.9 Mar-7.3 April-7 May-7.1 June-7.5 July-7 August-7.1 Sep- 7.6 Oct-6.9 Nov.6.6 Dec-5.5		
		NOx	Annual Average 15.44	Jan-Dec 2013 Jan-15 Feb-14.7 Mar-15.8 April-15.5 May-17.2 June-16.7 July-16.6 Aug-15.5 Sep-15.4 Oct-15.8 Nov- 14 Dec—13.1		

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		Suspended Particulate Matter (SPM)	Annual Average 68.16	Jan-Dec 2013 Jan- 70 Feb- 71 Mar- 63 April- 68 May- 66 June- 63 July- 68 Aug-- 64 Sep- 65 Oct- 66 Nov- 73 Dec-81		
		Respirable Suspended Particulate Matter (RSPM)	Annual Average 45.91	Jan-Dec 2013 Jan-47 Feb-48 Mar-42 April-47 May-45 June-44 July-45 August-44 Sep- 44 Oct-43 Nov-48 Dec-54		
	2. Residential	SO ₂	5.845	Jan-Dec 2013 an-5.9 Feb-5.7,6.9 Mar-6.4 April- May- June-5.6,5.5 July-5.6 August-6.6,6.3 Sep- 6.3,6.6 Oct-5.8,5.4 Nov.5 Dec-5.2		
		NOx	13.07	Jan-Dec		

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
				2013 Jan 12.8 Feb 13.9,11.6 Mar 14.8 Apr- May- June-13.4,13.3 July-11.7 Aug-15.2,13.2 Sep-14.4,13.4 Oct-15.5,12.9 Nov-11.8 Dec-11.2		
		Suspended Particulate Matter (SPM)	61.7	Jan-Dec 2013 Jan -65 Feb-72,55 Mar -70 Apr- May- June-66,54 July-51, Aug-55,66 Sep-55,64 Oct-67,56 Nov-59, Dec-67		
		Respirable Suspended Particulate Matter (RSPM)	57.4	Jan-Dec 2013 Jan -41 Feb-50,37 Mar -70 Apr- May- June-66,54 July- 51 Aug-66,55 Sep-55,66 Oct-67,56 Nov-59 Dec-67		
	3. Vehicular Pollution	No. of Vehicles	86,524	Jan-Dec 2010		
		Type of Vehicles	TWO WHEELER THREE WHEELER FOUR WHEELER BUSES			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
	4. Health	Type of Disease	Communicable	April2013-March2014		
		Name of Disease	a. Common Cold b. H1N1 c. Ulmonary Tuberculosis d. Influnza			
		No. of Deaths	a.0 b.0 c.0 d.0			
XV. Bio-diversity	1. Flora	Total Species	Endangered-18 Rare-18 Threatned-18	2013-14		
		Redbook species No.	-			
	2. Fauna	Total Species	Rare Type-11	2013-14		
		Redbook species No.	-			
XVI. Waste	1. Type of Waste	Hazardous waste (HW) in t/a	39490			
		E-waste thereof in t/a	11.06			
		Biomedical waste (BMW)	1423.5			
		Municipal Solid Waste (MSW)	175200			
		Plastic Waste	4380			
		Waste Water	4.12			
		Treatment/Disposal (for all 5)	-Hazardous Waste-39490 - E-waste-11.6 -Bio medical Waste-1423.5 -Municipal Solid Waste-175200 -Plastic Waste 3380 -Waste Water 4.12	April2013-March2014		
	2. Clean Technology	Type of Industries	1.steel 2.Detergent	April2013-March2014		
		Name of technology	1Bag Filter for			

Module	Sub-Module	Fields	Period for which data updated			
			State-level		District-level	
			Annual	Monthly	Annual	Monthly
		used	Cleaning Furnace Emission 2. Plough shear mixer in soap drying			
	3. Effluent Treatment Plant/CEPT	Name of District		April2013-March2014		
		No. of Plants	277(including all Regions)			
XVII. Disaster	1. Disaster	Type of Disaster	1.Tsunami 2. Cyclone	April2013-March2014		
		Year	1. 2004 2. 2011			
		Affected districts in nos.	1. 4 2. 1			
		Population affected (in millions)	1. 0.430000 2. 0.950000			
		Damage in crore INR	1. 3.8(Cr) 2. 2000(Cr)			

