

# PARIBESH SAMACHAR

News Letter Vol. XXIV. No.4 & Vol. XXV. No. 1

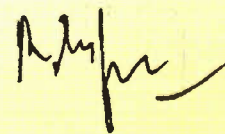
July-December, 2017

## *From the Desk of Chairman....*



Our pursuit for better livelihood opportunities laced with over-exploitation of natural resources, unsustainable industrial growth and urbanization have stretched the carrying capacity of our already fragile ecosystem close to its limit. In order to save the eco-system and its rich bio-diversity from further degradation, and to build a resilient environment, several measures have been taken all over the globe. The State Pollution Control Board, Odisha, as a regulatory body, has been formulating guidelines, monitoring the environment and executing programmes for prevention and control of pollution all over the State within the framework of environmental laws. The SPCB has taken a series of initiatives in this direction that includes awareness programmes for sensitizing the people, regulatory actions and research. This newsletter provides a glimpse of such activities of the Board.

I am sure, that this newsletter would help disseminate information on activities of the Board for prevention and control of pollution all over the State to help protect our environment.

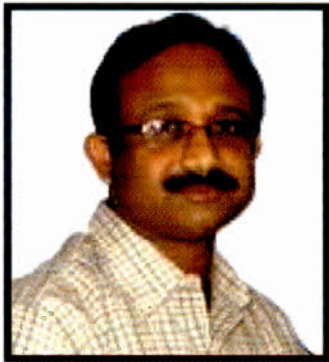


**R. BALAKRISHNAN, IAS**



**State Pollution Control Board, Odisha**  
**Paribesh Bhawan, A/118, Nilakantha Nagar,**  
**Unit -VIII, Bhubaneswar-751012**

## From the Desk of Member Secretary ...



The geo-ecological attributes like abundance of coal and water and availability of abundant mineral resources make the State of Odisha a favoured destination for large-scale industrialization. While going for large scale industrialization it has to be kept in mind that only efficient and scientific management is one of the key indicator of sustainable growth of a society. In this direction, it is all the more necessary to have a sound regulatory mechanism in place with a team of trained officials to look after proper implementation of environmental laws. This issue of Paribesh Samachar, besides providing general information on various activities of the SPCB, has highlighted an innovative mechanism of capacity building of Board officials through a Partnership programme of OSPCB namely Star-Rating of Industries. The Govt. of Odisha has signed a Statement of Intent (Sol) for collaboration with the Energy Policy Institute at University of Chicago. Under this collaborative program, a knowledge Cell has been set up in the SPCB Headquarters at Bhubaneswar in which the researchers would work in tandem with State Govt. Officials in order to design innovative energy-environment solutions and facilitate capacity building of board officials on various issues like verification, data quality, calibration and evaluation of Continuous Emission of Monitoring System (CEMS) installed as a part of regulating 17 category of highly polluting industries as well as developing a standard Operating Process that includes CEMS check list and protocols.

I hope, this issue of Paribesh Samachar would help disseminate various steps taken by SPCB, and more importantly, enhance public awareness.

A stylized, handwritten signature in black ink, consisting of a vertical line on the left, a horizontal line across the middle, and a wavy line on the right that ends in a small arrowhead pointing to the right.

**D. BISWAL, IFS**

## ACTIVITIES OF THE BOARD

### CELEBRATIONS

#### ➤ OBSERVATION OF 34<sup>th</sup> FOUNDATION DAY

- ❖ The 34<sup>th</sup> Foundation Day of the Board was observed on 14<sup>th</sup> September, 2017 at Jayadev Bhawan, Bhubaneswar. The function was presided by Sri R. Balakrishnan, IAS, Addl. Chief Secretary-cum-Development Commissioner, Govt. of Odisha & Chairman, State Pollution Control Board, Odisha and Sri S.C.Mohapatra, IAS, Principal Secretary to Govt. of Odisha was the Guest of Honor. Sri D. Biswal, IFS, Spl. Secretary to Govt. of Odisha & Member Secretary, State Pollution Control Board, Odisha delivered the key note address on the occasion. Dr. Sachidananda Satapathy, Former Director, Climate Change, MoEF, New Delhi delivered Prof. M. K. Rout Memorial Lecture on "**Climate Change Smart Choice : Responding to Challenges of Climate Change**" on the occasion. Distinguished guests from various sectors like Government, Industries, Officers & Staffs from Regional Offices & Head Office of the Board attended the function.



Distinguished Guests on Dias

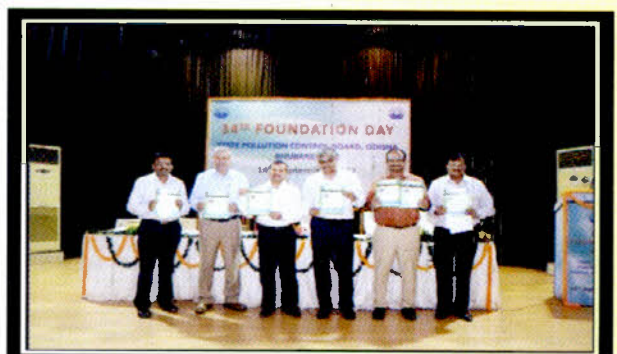


Prof. M.K. Rout Memorial Lecture by  
Dr. Sachidananda Satapathy, Former  
Director, Climate Change, MoEF, New Delhi

- ❖ The Newsletter '**PARIBESH SAMACHAR**' (April – June 2017) and one Book on Monitoring Protocol of Coastal Environment (Paradeep – Gahirmatha – Dhamra Coastal Stretch) of Odisha in Bay of Bengal, India were released on the occasion.



Release of Book on Monitoring Protocol  
of Coastal Environment( Paradeep-  
Gahirmatha -Dhamra Coastal stretch)



Release of News Letter  
'Paribesh Samachar '(April -June2017)

- ❖ The Board has instituted pollution control excellence/appreciation awards to encourage the industries/mines for adoption of adequate pollution control. The list of awardees for this year is as follows:

#### 1. Industries :

**Pollution Control Excellence Award** - M/s. Aditya Aluminium Ltd., Lapanga, Sambalpur.

**Pollution Control Appreciation Award** – M/s. TATA Sponge Iron Limited, Joda, Keonjhar.

2. **Mines: Pollution Control Excellence Award** - M/s. Joda East Iron Mines of M/s. Tata Steel Limited, Joda, Keonjhar.  
**Pollution Control Appreciation Award** - M/s. KJST (Jaldih) Iron, Manganese & Bauxite Mine of S. N. Mohanty, Sundargarh.

**Pollution Control Excellence Awards in Industries & Mines Categories**



M/s. Aditya Aluminium Ltd., Lapanga, Sambalpur.

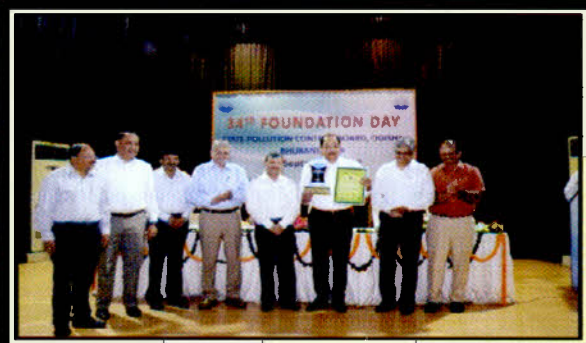


M/s. Joda East Iron Mines of M/s. Tata Steel Limited, Joda, Keonjhar.

**Pollution Control Appreciation Awards in Industries & Mines Categories**



M/s. TATA Sponge Iron Limited, Joda, Keonjhar.



M/s. KJST (Jaldih) Iron, Manganese & Bauxite Mine of S. N. Mohanty, Sundargarh

➤ **INTERNATIONAL COASTAL CLEAN-UP DAY**

The International Coastal Clean-up Day was observed by the Board on the Sea Beach, Puri, Konark, Chandipur, Gopalpur&Paradeep on 16th September 2017 for creation of mass awareness on the protection and management of coastal environment involving District Administration, different NGOs and volunteers etc.

**Observation of International Coastal Clean-up Day by SPC Board**



Puri Sea Beach



Konark Sea Beach



Gopalpur Sea Beach



Paradeep Sea Beach



Chandipur Sea Beach

➤ **NATIONAL POLLUTION PREVENTION DAY**

The National Pollution Prevention Day was observed by the Board through Regional Offices on 2<sup>nd</sup> December 2017 by conducting mass rally, meeting, workshop etc. for creation of mass awareness on pollution prevention and protection of environment, involving different NGOs and volunteers.

**Integrated Coastal Zone Management Project**

- ❖ The Pilot Executing Agency (PEA) in the World Bank assisted Integrated Coastal Zone Management Project (ICZMP), SPCB, Odisha has been monitoring sea water on quarterly/seasonal basis for the assigned coastal stretch of about 80 km from Paradeep to Dhamra under the mandate of the ICZM project. Total seventy three (73) sampling locations have been selected for the entire monitoring area, out of which 32 are along Mahanadi transect, 17 in Dhamara transect and 24 in Gahirmatha-Bhitarkanika transect.
- ❖ Till now only on-shore and few off-shore sampling points have been covered. A total of 728 samples have been collected during the reporting period for analysis of 40 parameters like pH, Conductivity, Total Suspended Solids, Total Dissolved solids, Turbidity, Fluoride, Dissolved Oxygen, Biochemical Oxygen Demand, Alkalinity, Salinity, Nitrite, Nitrate, Ammonia, Silicate, Ortho-phosphate, TOC, TIC, heavy metals(V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Mo, Pb, Cd, Hg), Total Coliform, Fecal Coliform, Chlorophyll-a, Chlorophyll-b, Chlorophyll-c, Total Chlorophyll, Phaeophytin pigment, Carotenoid, Phytoplankton and Zooplankton.
- ❖ The Centre for Management of Coastal Eco-system (CMCE) building was constructed with the assistance of the World Bank under ICZM Project.

The Sea Worthy Pollution Monitoring Vessel (**Sagar Utkal**) with an in-built Laboratory, procured under the ICZM Project has been registered with Mercantile Marine Department (MMD) of DG Shipping, Government of India. It would also cater to other agencies like oceanographic researchers, universities, wildlife, fisheries etc. for survey and monitoring in coastal stretch of Odisha up to 12 nautical miles.

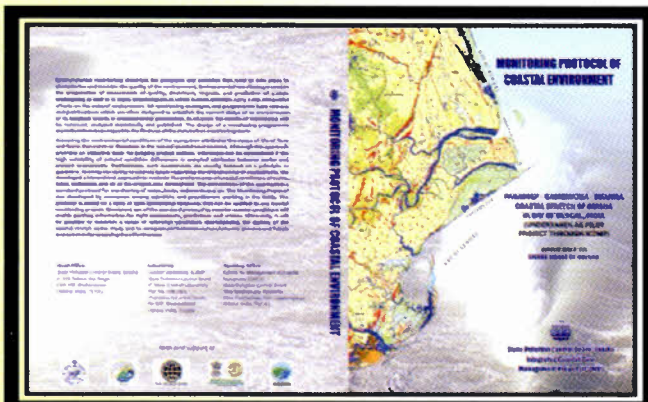
- ❖ The official inauguration of Sea-worthy Pollution Monitoring Vessel "Sagar Utkal" was done on 5<sup>th</sup> August 2017 at Deep Sea Trawler Berth, Paradeep Port.



**Inauguration of Sea worthy Pollution Monitoring Vessel (Sagar Utkal)**

**PUBLICATION BY ICZMP, SPCB, ODISHA:**

Comprehensive Monitoring protocol has been prepared by ICZMP for monitoring and analysis of environmental samples for the assigned stretch (Paradeep-Gahirmatha-Dhamra Coastal Stretch of Odisha in Bay of Bengal, India). It was published during 34<sup>th</sup> Foundation Day on 14<sup>th</sup> September, 2017 at Rabindra Mandap by Principal Secretary, Forest and Environment Department, Govt. of Odisha.



**Comprehensive Monitoring Protocol of Coastal Environment**



**Release of Comprehensive Monitoring Protocol of Coastal Environment**

**Real Time Data Transmission System (RTDAS)**

The Board has implemented GPRS based real time data transmission system with Y-Cable for online stack, ambient air quality and waste water monitoring network round the clock for highly polluting large scale industries and mines in order to keep the regulator and industries alert. So far online monitoring and data transmission systems have been installed in 147 industries and 24 mines in the State.

**Public Hearing**

The Board conducted following 15 public hearings for major industrial / mining / expansion projects during July-December, 2017.

Sl No.	Name of the Project	Purpose of Public hearing	Date
1.	M/s NTPC Ltd., Talcher Thermal, Angul.	Expansion of proposed stage-III (2x660 MW) Talcher Thermal Power Project.	12.07.2017
2.	M/s Rungta Mines Ltd., Expansion of Kamando Steel Plant, Komando, Sundargarh.	Expansion of production from 0.60 MTPA to 0.75MTPA.	19.07.2017

3.	M/s Saraf Agencies Pvt. Ltd., At- Kanamana, Tikiri-Berhampur and Sriramchandrapur village, Dist- Ganjam.	Expansion of 15 MW captive power plant, 5000 TPA Ferro Taitanium, 3000 TPA Ferro Manganese, 12 TPD Aluminium Powder and 2.4 TPA scandium oxide recovery plant.	16.08.2017
4.	M/s. Talcher Fertilizer Ltd., Closed Unit of FCIL, Talcher, Dist: Angul.,	Establishment of coal based new Ammonia plant-2200MTPD, Urea -3850MTPD project.	30.08.2017
5.	M/s. OCL India , Rajgangpur, Dist: Sundargarh.	Establishment of New Cement Plant (Dalmia DSP Unit) for Clinker (3.0 MTPA), Cement (2.25 MTPA), WHRS (15 MW) and DG set of 1000 KVA.	20.09.2017
6.	M/s. Suraj Product Ltd., Barpalli, Kesarmal, Rajgangpur, Dist: Sundargarh.	Expansion of existing sponge iron plant.	22.09.2017
7.	M/s Indian Oil Corporation Ltd., LPG import, Bhitagarh, Dist: Jagatsinghpur.	Expansion of LPG import facility at Paradeep, Bhitagarh.	22.09.2017
8.	Excavation of Kuakhai River Sand, (By Sri Kamal Ku. Patra) Umadei Brahmapur, Baliana, Dist: Khordha.	Excavation of 410500 cum/annum sand with opencast mining method over an area of 48.81 ha.	23.09.2017
9.	Karakhendra Steel Plant, M/s. Rungla Mines Ltd., (Sponge Iron Division), Karakhendra, Barbil, Dist: Keonjhar.	Establishment of 0.10 MTPA capacity Karakhendra Steel Plant	13.10.2017
10.	M/s. Rungta Mines Ltd., Karakolha, Dist: Keonjhar.	Establishment of 20 MW power plant (8 MW WHRB + 12 AFBC) within the existing sponge iron plant	12.10.2017
11.	M/s. Deepak Fertilizer and Petrochemical Ltd., Bagadia, Chaukimata, Rangiagarh, Paradeep, Dist: Jagatsinghpur.	Establishment of an Ammonium Nitrate manufacturing complex for the manufacture of Technical Ammonium Nitrate of 1000 MTPD and Ammonia of 380 MTPD	13.10.2017
12.	M/s. Utkal Alumina International Ltd., Doraguda, Tahasil - Kashipur , Dist: Rayagada	Enhancement of production capacity of Alumina Refinery from 1.5 MTPA to 3.0 MTPA along with co-generation power plant capacity from 90 MW to 150 MW	15.11.2017
13.	Bainibasa graphite mining and beneficiation project, M/s. Pradhan Industries Ltd., Bainibasa, Bhairabguda, Dist: Rayagada.	Production of 13272 TPA Graphite over an area of 58.704 Ha	28.11.2017
14.	Construction of additional spillway of Hirakud Dam, Water Resources Dept., Govt. of Odisha, Burla, Dist: Sambalpur.	Construction of additional Spillway of Hirakud Dam.	08.12. 2017
15.	M/s Vikram Private Ltd., Village Badatumkela, P.S- Lahunipara, Dist-Sundargarh.	Expansion of sponge iron plant (2x100TPD DRI plant 8,50,000TPA iron ore beneficiation plant 6,00,000 TPA pellet plant and 10MW Power plant) by Process modification along with setting up of 1,07,000TPA SMS and 1,00,000TPA Rolling mill	13.12. 2017

#### Consent Committee

The following Consent Committee Meetings were conducted by the Board at Head Office, Bhubaneswar to discuss consent to establish of various projects and disposed 38 cases during the reporting period.

**Consent Committee Meeting**

Date	No. of cases discussed & disposed
24.07.2017	06
29.08.2017	05
23.09.2017	04
30.10.2017	08
30.11.2017	08
29.12.2017	07
<b>Total</b>	<b>38</b>

**Consent to Establish**

"Consent to Establish" with stipulations of appropriate pollution control measures has been granted by the Board to 490 industries, hotels, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns and DG Sets (as stand-by) etc. during July - December, 2017.

**Consent to Operate**

"Consent to Operate" has been granted to 802 industries, mines, hotels, hospitals, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns, DG Sets (as stand by) and mineral based industries etc. during the reporting period.

**Implementation of the Hazardous and Other Wastes (Management and Transboundary Movement ) Rules, 2016**

- Authorization has been granted to 42 hazardous waste generating units under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 for collection, storage, treatment and disposal of hazardous wastes during July -December, 2017.
- The Board has authorised 04 Actual Users for utilization of following hazardous waste.  
Aluminium Dross - 29,280 T/A

**Implementation of the Batteries Management and Handling Rules,2001**

As many as 54 units have filed battery returns with the Board for the period from April, 2017 to September,2017 for smooth management and handling of batteries (lead-acid) under the provisions of the Batteries Management and Handling Rules, 2001.

**Implementation of the Bio -Medical Waste Management Rules,2016**

The Board has granted authorization to 518 health care facilities and issued 69 show cause notices under the Biomedical Waste Management Rules, 2016 during said period. Authorization of 40 HCEs have been refused and direction of closure has been issued to 08 HCEs due to improper management of bio-medical wastes.

**Implementation of the Solid Waste Management Rules, 2016.**

Board has issued show cause notices to 108 ULBs due to violation of Solid Waste Management Rules, 2016.

**Implementation of the E-Waste (Management ) Rules, 2016.**

The Board has issued authorization to 03 Captive E-Waste Collection Centers and 03 dismanteler-cum-recyclers .

**Violations**

The Board has issued 228 show cause notices, 141 directions/direction of closure and 19 refusal of consent due to violation of provisions of the Rules during July - December, 2017.

**Empanelment of Environmental Consultant**

The following 11 firms having equipped laboratory facilities have been empanelled as Environmental Consultants with the Board during July - December, 2017.



Sl. No	Name of the Consultant	Category	Validity Period
1	<b>M/s Mitra S.K Pvt. Ltd,</b> Building No-P-48, Udayan Industrial Estate, 3, Pagladanga Road, Kolkata, West Bengal-700015	A	24.07.2017 to 23.07.2020
2	<b>M/s Qualissure Laboratory Services</b> Prantick Pally, 45/361 Bose Pukur Road, Kolkata - 700107	B	29.07.2017 to 28.07.2020
3	<b>M/s SGS India Pvt Ltd.</b> CS Plot No-512(P), Mouza-Hanspukuria, Diamond Harbour Road, PO:Joka, Dist-South-24 Parganas , Kolkata- 700104	A	04.08.2017 to 03.08.2020
4	<b>M/s. S.M. Consultant,</b> S.M. Tower, Plot No- 130, Mancheswar Ind. Estate, Rasulgarh, Mancheswar - 751010	B	30.08.2017 to 29.08.2020
5	<b>M/s Maharashtra Enviro Power Ltd.,</b> Plot No-CHW-01, Butibori Industrial Estate, Near Bharat Petroleum Refilling Plant, Butibori, Nagpur-441 122, Maharashtra	A	16.09.2017 to 15.09.2020
6	<b>M/s Cleenviron Pvt. Ltd.</b> D-124, Koelnagar, Rourkela, Dist- Sundargarh - 769014	A	12.09.2017 to 11.09.2020
7	<b>M/s Center for Envotech and Management Consultancy (P) Ltd.</b> Plot No- 800/1274, Johal, Pahal, Bhubaneswar , Odisha E-mail -cemclab@yahoo.in Phone - 0674- 2360344	A	27.10.2017 to 26.10.2020
8	<b>M/s Global Tech Enviro Experts Pvt. Ltd,</b> Near Tarini Temple, Serenda, Bhardra Sahi, Barbil-758035 Phone No: -9937910105 Email Id: -globalexerts@rediffmail.com	A	27.10.2017 to 26.10.2020
9	<b>M/s. Jindal Steel &amp; Power Ltd.</b> P.B No - 86, Barbil-Joda High Way, Barbil - 758035 Phone No: -916767249817 Website:-www.jindalsteelpower.com	B	27.10.2017 to 26.10.2020
10	<b>M/. Edward Food Research &amp; Analysis Centre Ltd., (EFRAC),</b> Sagar Estate 4 <sup>th</sup> Floor, 2 Clive Ghal Street . Kolkata-700001, Tele-033-71122849 Email-efracho@efrac.org Website-www.efrac.org	A	29-11-2017 to 28-11-2020
11	<b>M/s Visiontek Consultancy Services (P) Ltd.</b> Plot No - 108, District Centre, Chandrasekharpur, Bhubaneswar , Odisha - 751016 Phone No: -0674-6451781 Email Id: -visiontekin@gmail.com	A	18.12.2017 to 17.12.2020

### Legal Matters

The Board has filed/counter filed 150 cases in various Courts and disposed 124 cases during July-December, 2017.

Sl. No	Name of the Court	No. of Cases	
		Filed	Disposed
<b>A High Court</b>			
1.	PIL	10	04
2.	Writ	80	64
<b>B Supreme Court</b>			
1.	PIL	05	02
2.	Writ	01	Nil
<b>C Other Court</b>			
1.	Civil Suit	01	Nil
2.	N.H.R.C. / O.H.R.C.	22 (NHRC-05+OHRC-17)	26 (NHRC 09+OHRC-17)
3.	Cases before the State Appellate Authority	11	03
4.	Cases before the National Green Tribunal	20	25
<b>Total</b>		<b>150</b>	<b>124</b>

### Scientific Studies

The State Pollution Control Board, Odisha is monitoring Ambient Air quality at 37 stations of 16 important towns and industrial areas with the financial support of Central Pollution Control Board, under the National Air Quality Monitoring Programme (NAMP) and the State Air Quality Monitoring Programme (SAMP) on ongoing basis. Those towns are Angul, Talcher, Rourkela, Rayagada, Bhubaneswar, Berhampur, Puri, Cuttack, Sambalpur, Jharsuguda, Keonjhar, Balasore, Kalinga Nagar (Jajpur), Paradeep, Konark and Rajgangpur.

- Central Laboratory and Regional Offices have analyzed 5596 samples under NAMP and SAMP.
- The Board has conducted 715 ambient air quality monitoring in Industrial areas and source emission monitoring at 02 stations for regulatory purposes.
- Samples from 507 stack emissions have been collected and analyzed.
- As many as 3115 water samples (including samples collected under National Water Quality Monitoring Programme (NWMP), State Water Quality Monitoring Programme (SWMP) and other water samples) have been collected and analyzed by the Board during the reporting period.
- Impact of idol immersion during Durga puja on water quality of Kuakhai and Daya river (in Bhubaneswar city), Kathajodi river (in Cuttack city) and Musa river (in Puri) has been investigated. No significant impact on water bodies was observed due to implementation of guidelines of Central Pollution Control Board on safe idol immersion practices.
- To assess the impacts of mass bathing during Kartika Purnima on the water quality of Mahanadi and Kathajodi rivers, water quality has been monitored at eight major bathing ghats of these rivers in Cuttack city.
- The Board has analyzed 1603 industrial water samples during the period of July-December, 2017.
- The Board has analyzed 38 solid waste samples for regulatory purpose.
- Noise level monitoring during celebrations of Dashera and pre-Dashera period has been conducted in Industrial, Commercial, Residential and Silence Zones in 13 cities and towns such as Angul, Balasore, Berhampur, Bhubaneswar, Cuttack, Jharsuguda, Kalinganagar, Keonjhar, Paradeep, Puri, Rayagada, Rourkela and Sambalpur.

- j) To assess the impact of bursting of fire crackers during Deepawali, the ambient air quality with respect to parameters like SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub> & PM<sub>2.5</sub> have been monitored in pre and on the day of Deepawali at 46 locations in 13 towns and cities i.e., Angul, Balasore, Berhampur, Bhubaneswar, Cuttack, Talcher, Kalinganagar, Keonjhar, Paradeep, Puri, Rayagada, Rourkela and Sambalpur.
- k) Technical support to Commissionerate Police has been provided for performance evaluation of 54 sound limiters of different band parties in respect of noise level [limited to 65 dB (A)].
- l) **Heat Island Study for Ib Valley -Jharsuguda area of Odisha.**

Heat Island Study for Jharsuguda area is one of the Action Point in Climate Change Action Plan for Odisha and State Pollution Control Board, Odisha had been assigned to carry out the task. As per the directives of F & E Department this task was entrusted to Oxford Policy Management Asia, the Consultant from DFID.

Oxford Policy Management Asia assigned the job to The Energy Research Institute (TERI) , New Delhi to carry out the Heat Island Study for Jharsuguda region of Odisha. TERI has submitted the Final Report during September, 2017. The Final Report has been approved by SPCB, Odisha and F & E Department, Govt. of Odisha.

**Awareness Programmes**

For creation of awareness among the stakeholders including general public on environmental issues, the Board regularly publishes advertisements relating to environmental issues in different periodicals / newspapers / souvenirs.

- The Board has created public awareness on ill-impact of immersion of idols in rivers during festivals.
- During Deepawali festival mobile vehicles with staffs move in & around Bhubaneswar and Cuttack for creating awareness among the public on effect of crackers on air pollution & noise pollution.
- Regional Office, Angul has made awareness campaign in Angul and Dhenkanal districts on prohibition of raw coal as fuel in road side Dhaba and Hotels.



**RTI & Public Complaints**

The Board has disposed 441 applications providing information under the Right to Information Act, 2005 and addressed 277 public complaints during July - December, 2017.

**Human Resource Development**

The Board has conducted several programmes through the Centre for Excellence for imparting training to various stakeholders on pollution control and environment protection and also deputed its officials for exposure to training programmes & updating knowledge in relevant fields.

**A. Training / Workshop / Seminar attended by Officials of the Board**

Sl. No.	Name & Designation	Date	Title of the Training / Workshop / Seminar	Conducted by	Venue
1.	Er. R. K. Ekka, Dy. Env. Engineer	17 <sup>th</sup> – 28 <sup>th</sup> July, 2017	Compliance, Monitoring and Enforcement	Centre for Science & Env., New Delhi	Centre for Science & Env., New Delhi
2.	Dr. A. K. Swar Sr. Env. Engineer (L-I)	7 <sup>th</sup> July, 2017	National Conference on "Air and Water Pollution : Innovations in Regulation, Abatement & Monitoring"	University of Chicago Centre in Delhi	University of Chicago Centre in Delhi

Sl. No.	Name & Designation	Date	Title of the Training / Workshop / Seminar	Conducted by	Venue
1.	Er. R. K. Ekka, Dy. Env. Engineer	17 <sup>th</sup> - 28 <sup>th</sup> July, 2017	Compliance, Monitoring and Enforcement	Centre for Science & Env., New Delhi	Centre for Science & Env., New Delhi
2.	Dr. A. K. Swar Sr. Env. Engineer (L-I)	7 <sup>th</sup> July, 2017	National Conference on "Air and Water Pollution : Innovations in Regulation, Abatement & Monitoring"	University of Chicago Centre in Delhi	University of Chicago Centre in Delhi
3.	Dr. S. S. Pati, Asst. Env. Scientist	17 <sup>th</sup> - 19 <sup>th</sup> July, 2017	Calibration, QA/QC, Inter-Laboratory Comparison and Proficiency Testing in Air	Central Pollution Control Board, New Delhi	Central Pollution Control Board, New Delhi
4.	Dr. (Mrs.) S. Mishra, Asst. Env. Scientist	02 <sup>nd</sup> - 04 <sup>th</sup> Aug. 2017	Sampling and Analysis of Specific Pollutants (Metals, Ions, Pesticides, PAHs, BTEX / VOCs, PCBs & Dioxins / Furans)	Central Pollution Control Board, New Delhi	Central Pollution Control Board, New Delhi
5.	Sri Anupam Behera, Sr. Env. Scientist (L-II)	10 <sup>th</sup> August, 2017	22 <sup>nd</sup> National Oil Spill Disaster Contingency Plan (NOS-DCP) and Preparedness	Coast Guard Head Quarters, National Stadium Complex, New Delhi	Indian International Centre, New Delhi
6.	Dr. D. K. Behera, Sr. Env. Scientist (L-I)	19 <sup>th</sup> Aug. 2017	Plastic Waste Management : An Environmental Concern & Entrepreneurship Development	CII, Bhubaneswar & SPC Board, Bhubaneswar	Hotel Swasti Premium Ltd., Bhubaneswar
7.	Er. S. K. Sahu, Env. Engineer	19 <sup>th</sup> Aug. 2017	Plastic Waste Management : An Environmental Concern & Entrepreneurship Development	CII, Bhubaneswar & SPC Board, Bhubaneswar	Hotel Swasti Premium Ltd., Bhubaneswar
8.	Er. S. K. Panda, Env. Engineer	19 <sup>th</sup> Aug. 2017	Plastic Waste Management : An Environmental Concern & Entrepreneurship Development	CII, Bhubaneswar & SPC Board, Bhubaneswar	Hotel Swasti Premium Ltd., Bhubaneswar
9.	Dr. D. K. Behera, Sr. Env. Scientist (L-I)	23 <sup>rd</sup> Aug. 2017	Symposium on Bitumen & Green Technologies in Road Construction Industry	HPCL, Mumbai	Hotel May Fair, Bhubaneswar
10.	Dr. P. K. Prusty, Sr. Env. Scientist (L-I)	31 <sup>st</sup> Aug. 2017	Stakeholders Conference for Development of NW-5	Indian Waterways Authority of India, Ministry of Shipping, Govt. of India, New Delhi	Hotel Mayfair Lagoon, Bhubaneswar
11.	Sri D. Biswal, IFS Member Secretary	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT) Guwahati, Assam
12.	Dr. P. K. Prusty, Sr. Env. Scientist (L-I)	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT) Guwahati, Assam
13.	Dr. D. K. Behera, Sr. Env. Scientist (L-I)	9 <sup>th</sup> - 10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT) Guwahati, Assam
14.	Dr. N. R. Sahoo, Sr. Env. Engineer (L-I)	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT) Assam
15.	Dr. A. K. Swar Sr. Env. Engineer (L-I)	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT) Assam
16.	Sri B. P. Pattajoshi Sr. Law Officer	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT), Assam
17.	Sri H.B. Panigrahi, RO, Bhubaneswar	9 <sup>th</sup> -10 <sup>th</sup> Sept. 2017	Regional Conference on "Waste Disposal and Management"	Hon'ble National Green Tribunal (NGT) Guwahati, Assam	Hon'ble National Green Tribunal (NGT), Assam
18.	Dr. P. K. Mohapatra, RO, Balasore	20 <sup>th</sup> - 22 <sup>nd</sup> Sept. 2017	Real Time Data Acquisition Transmission & Data Interpretation of Online Monitoring Systems (Ambient Emissions & Effluents)	Indian Institute of Public Administration, I. P. Estate, Ring Road, New Delhi-110002 sponsored by CPCB, New Delhi	Indian Institute of Public Administration, I. P. Estate, Ring Road, New Delhi-110002
19.	Er. Bijay Bhoi, AEE, RO, Angul	20 <sup>th</sup> - 22 <sup>nd</sup> Sept. 2017	Real Time Data Acquisition Transmission & Data Interpretation of Online Monitoring Systems (Ambient Emissions & Effluents)	Indian Institute of Public Administration, I. P. Estate, Ring Road, New Delhi-110002 sponsored by CPCB, New Delhi	Indian Institute of Public Administration, I. P. Estate, Ring Road, New Delhi-110002
20.	Dr. B. N. Bhoi, Sr. Env. Scientist (L-I)	20 <sup>th</sup> Sept. 2017	"National Environmental Health Profile"	MoEF&CC, Indira Paryavaran Bhawan, JorBagh Road, New Delhi	Brahmaputra Conference Hall, 1 <sup>st</sup> Floor, Vayu Wing, Indira Paryavaran Bhawan, JorBagh Road, New Delhi
21.	Dr. P. K. Prusty, Sr. Env. Scientist (L-I)	21 <sup>st</sup> - 22 <sup>nd</sup> Sept. 2017	"Urban Climate : Science, Impacts and Adaptation"	Indian Institute of Technology Bhubaneswar	Indian Institute of Technology Bhubaneswar
22.	Dr. S. P. Samantaray, Env. Scientist	09 <sup>th</sup> - 13 <sup>th</sup> Oct. 2017	"Integrated Waste Management - Municipal Waste, Plastic Waste, Bio-Medical Waste, Bio Composting, Landfill Gas Management & Control and Waste to Energy with Field Visit"	International Institute of Waste Management, Bangalore & sponsored by CPCB, New Delhi	International Institute of Waste Management, Bangalore
23.	Dr. C. P. Das, Env. Scientist	09 <sup>th</sup> - 13 <sup>th</sup> Oct. 2017	"Integrated Waste Management - Municipal Waste, Plastic Waste, Bio-Medical Waste, Bio Composting, Landfill Gas Management & Control and Waste to Energy with Field Visit"	International Institute of Waste Management, Bangalore & sponsored by CPCB, New Delhi	International Institute of Waste Management, Bangalore
24.	Dr. S.K. Mohanty, Dy. Env. Scientist	12 <sup>th</sup> -14 <sup>th</sup> Oct. 2017	"Biological Monitoring, Analysis & Testing (Microbiological, Bioassay & Biomonitoring), SOPs, Data Interpretation & Quality Assurance"	Dept. of Environment Studies, Panjab University, Chandigarh - 160014 & sponsored by CPCB, New Delhi	Panjab University, Chandigarh
25.	Sri D. Biswal, IFS Member Secretary	3 <sup>rd</sup> - 4 <sup>th</sup> Nov. 2017	World Conference on Environment	National Green Tribunal (NGT) in association with UNEP, the Asian Development Bank, the MoEF&CC and Global Institute for Env. Justice	Mavliankar Auditorium & Manekshaw Centre, New Delhi
26.	Dr. N. R. Sahoo, Sr. Env. Engineer (L-I)	3 <sup>rd</sup> - 4 <sup>th</sup> Nov. 2017	World Conference on Environment	National Green Tribunal (NGT) in association with UNEP, the Asian Development Bank, the MoEF&CC and Global Institute for Env. Justice	Mavliankar Auditorium & Manekshaw Centre, New Delhi

Sl. No.	Name & Designation	Date	Title of the Training / Workshop / Seminar	Conducted by	Venue
27.	Sri C. R. Nayak, Sr. Env. Scientist(L-II)	3 <sup>rd</sup> - 4 <sup>th</sup> Nov. 2017	World Conference on Environment	National Green Tribunal (NGT) in association with UNEP, the Asian Development Bank, the MoEF&CC and Global Institute for Env. Justice	Mavlinkar Auditorium & Manekshaw Centre, New Delhi
28.	Sri B. P. Pallajoshi, Sr. Law Officer	3 <sup>rd</sup> - 4 <sup>th</sup> Nov. 2017	World Conference on Environment	National Green Tribunal (NGT) in association with UNEP, the Asian Development Bank, the MoEF&CC and Global Institute for Env. Justice	Mavlinkar Auditorium & Manekshaw Centre, New Delhi
29.	Sri C. R. Nayak, Sr. Env. Scientist (L-II)	21 <sup>st</sup> Nov. 2017	Workshop on "Processing and Use of Construction & Demolition Waste" Theme : Deconstruction & in situ processing for Ecology and Economics	Building Materials & Technology Promotion Council, Ministry of Housing & Urban Affairs, Govt. of India, Core 5A, 1st Floor, India Habitat Centre, Lodi Road, New Delhi-110003	Gulmohar, India Habitat Centre, Lodi Road, New Delhi.
30.	Er. R. K. Ekka, DEE, Regional Office, Paradeep	21 <sup>st</sup> - 25 <sup>th</sup> Nov. 2017	Occupational Health & Safety Assessment System (OHSAS) 18001: 2007 and Risk Management	National Institute of Occupational Health, P.B. No. 2031, Meghani Nagar, Ahmedabad & sponsored by CPCB, New Delhi	National Institute of Occupational Health, P.B. No. 2031, Meghani Nagar, Ahmedabad
31.	Dr. D. K. Behera, Sr. Env. Scientist(L-I)	23 <sup>rd</sup> & 24 <sup>th</sup> Nov. 2017	Waste Management Summit 2017 & Conference on Alternate Fuel & Raw Material Utilisation	Confederation of Indian Industry, CII-Sohrabji Godrej Green Business Centre, Hyderabad	Hotel Le Meridien, Bengaluru
32.	Er. B. K. Behera, Sr. Env. Engineer (L-II)	27 <sup>th</sup> & 29 <sup>th</sup> Nov. 2017	Clean Development Mechanism (CDM): CDM Project Implementation for Industrial Sector, Energy Sector, Mining Sector and Carbon Trading	EPRI, Hyderabad & sponsored by CPCB, New Delhi	EPRI, Hyderabad
33.	Dr. P. K. Prusty, Sr. Env. Scientist (L-I)	28 <sup>th</sup> & 29 <sup>th</sup> Nov. 2017	National Workshop on "Environmental Priorities & Challenges with Special Focus on Eastern and North-Eastern Regions"	CSIR National Environmental Engineering Research Institute, Kolkata Zonal Laboratory, i-8, Sector-C, EKDP, PO: EM By Pass, Kolkata, WB	The Stadel, Kolkata
34.	Dr. N. R. Sahoo, Sr. Env. Engineer (L-I)	29 <sup>th</sup> Nov. to 1 <sup>st</sup> Dec. 2017	"Air Quality Management - Plans using decision Support System UrbAir India"	TERI University, 10, Institutional Area, VasantKunj, New Delhi - 110 070 & sponsored by CPCB, New Delhi	TERI University, 10, Institutional Area, VasantKunj, New Delhi - 110 070
35.	Dr. M. Mahaling, ES, Regional Officer, Paradeep	29 <sup>th</sup> Nov. to 1 <sup>st</sup> Dec. 2017	"Air Quality Management - Plans using decision Support System Urb Air India"	TERI University, 10, Institutional Area, VasantKunj, New Delhi - 110 070 & sponsored by CPCB, New Delhi	TERI University, 10, Institutional Area, VasantKunj, New Delhi - 110 070
36.	Dr. SahanGiri, ES, Regional Officer, Cuttack	11 <sup>th</sup> - 15 <sup>th</sup> Dec. 2017	One week specialized course on "Cleaner Brick Production"	Centre for Science and Environment, 41, Tughlakabad Institutional Area, New Delhi-110062	Centre for Science and Env., 41, Tughlakabad Institutional Area, New Delhi-110062
37.	Dr. P. K. Prusty, Sr. Env. Scientist (L-I)	18 <sup>th</sup> & 22 <sup>nd</sup> Dec. 2017	" Project Formulation-Climate Change Mitigation and Adaptation for NGOs and State Government Officials"	Bankers Institute of Rural Development, Sector-H, LDA Colony, Kanpur Road, Lucknow	Hotel Fortune Murali Park, Vijaywada, Murali Fortune, A.P
38.	Dr. D. K. Behera, Sr. Env. Scientist(L-I)	21 <sup>st</sup> - 22 <sup>nd</sup> Dec. 2017	Clean Air Asia's Workshop on "Capacity Building for Air Action Plans in Indian Cities"	Clean Air Asia India Office, Basement C-3, Green Park Extension, New Delhi	Hotel Excellency, Bhubaneswar
39.	Dr. B. N. Bhol, Sr. Env. Scientist (L-I)	21 <sup>st</sup> - 22 <sup>nd</sup> Dec. 2017	Clean Air Asia's Workshop on "Capacity Building for Air Action Plans in Indian Cities"	Clean Air Asia India Office, Basement C-3, Green Park Extension, New Delhi	Hotel Excellency, Bhubaneswar
40.	Dr. MukeshMahaling ES, Regional Officer, Paradeep	22 <sup>nd</sup> - 23 <sup>rd</sup> Dec. 2017	Pollution Response Seminar / Training / Mock Drill - 2017	Indian Coast Guard, Paradeep	Indian Coast Guard, Paradeep

### C. Other Trainings

- ❖ Training on "Vehicular Pollution and its Effect on Human Health and its Remedial Measures" was imparted to 316 traffic personnels in 06 batches at Urban Police of Traffic Training Institute, Laxmisagar, Bhubaneswar during July -December 17.
- ❖ Training programme on Bio-Medical Waste Management Practice was jointly organised by Regional Office SPCB Rayagada and Department of Community Medicine of M S Ramaiah College, Bangalore on 10<sup>th</sup> & 11<sup>th</sup> October 2017 at M/s DHH Bhawanipatna and Christian Hospital Bissam Cuttack, Rayagada respectively under UNIDO Project.

**Regional Officers' Meeting**

The Board has conducted Regional Officers Review Meeting on 11.07.2017 in the Conference Hall, SPC Board, Odisha, Bhubaneswar.

**SPC Board Meeting**

The Board has conducted its 115<sup>th</sup> Board meeting on 13.11.2017 in Conference Hall of SPC Board, Bhubaneswar.

**Partnership of OSPCB with Energy Policy Institute at the University of Chicago (EPICINDIA)**

The Energy Policy Institute at the University of Chicago (EPIC-India), in association with The National Institution for Transforming India (NITI Aayog) hosted a National Conference on **"Air and Water Pollution: Innovations in Regulation, Abatement and Monitoring"** in New Delhi on **7th July 2017**. Around 20 officials from 14 Indian states including from many State Pollution Control Boards attended the conference. Dr. Akhila Kumar Swar, Senior Environmental Engineer represented Odisha State Pollution Control Board and made a presentation.

**National Conference on Air and Water Pollution, University of Chicago Centre -Delhi**

EPIC- India conducted a half day workshop on 11<sup>th</sup> July 2017 at Head Office of SPCB, Odisha. **Ms. Cynthia Giles, Former Assistant Administrator for Office of Enforcement and Compliance Assurance, USEPA** shared her experiences from different parts of the world during this workshop and delivered a presentation on **"Environment Pollution Act and best practices followed by USEPA"**.

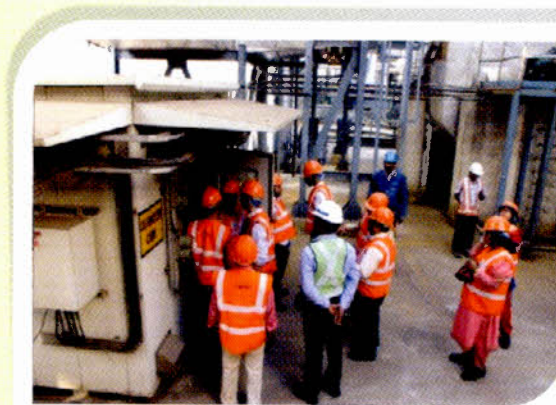
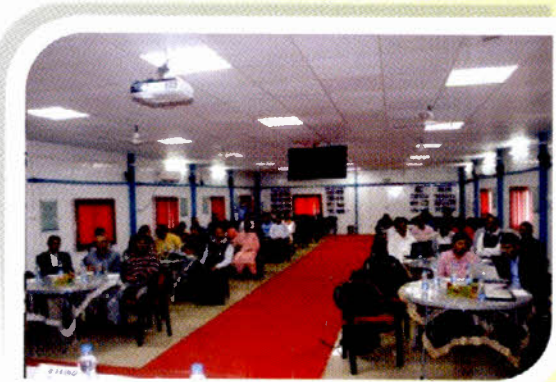
**Workshop on Environment Pollution Act and best practices from USEPA at SPCB, Odisha**

- As part of capacity building on online CEMS monitoring and data acquisition system, EPIC-India team visited all twelve regional offices of SPCB, Odisha and six major Industries in each category along with Board officials between **August-September 2017** to impart training and develop preparedness for calibration and data validation.



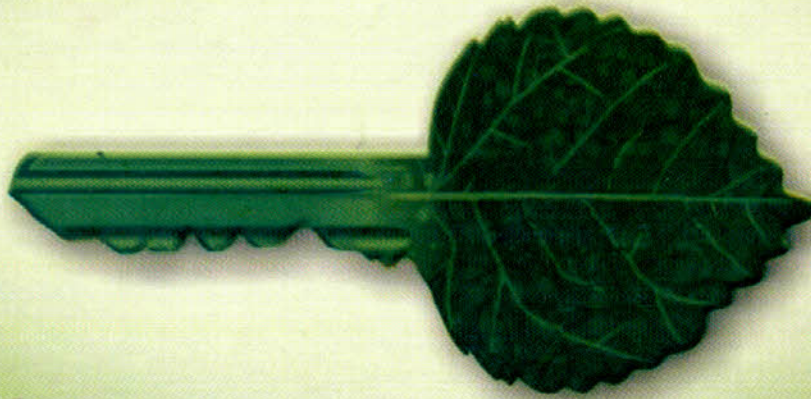
**Snapshots of Industry Visits and Capacity Building of Regional offices of, SPCB**

- EPIC-India have developed a Standard Operating Process (SOP) that includes CEMS and CEQMS Checklist and Protocols for inspection and data validation. The SOP was shared with the Senior Officials of SPCB during their visit to Tata Steel Limited, Kalinganagar on **6<sup>th</sup> Dec 2017** for review in the field. Meanwhile, EPIC team have developed Dash-Board and Self declaration formats for recording the CEMS data generated from all the 17 categories of highly polluting industries.



Visit to Industries for Standardization of CEMS and CEQMS Protocol on 6<sup>th</sup> Dec 2017

The key to a greener planet is in your hands



PRINTED MATTER

To

---

---

---

If undelivered please return ....



**STATE POLLUTION CONTROL BOARD, ODISHA**  
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit -VIII,  
Bhubaneswar - 751 012

Published by: **Member Secretary** , State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit -VIII, Bhubaneswar -751 012, India. This newsletter is also available in electronic form at our Website: [www.ospcboard.org](http://www.ospcboard.org)

Editorial Board: Sri D. Biswal, Member Secretary, Dr. N.R.Sahoo, SEEL-I, Er. S. Dash, SEEL-II, Dr.(Mrs) J.R.Dash, ES