

IITM- Environmental Information System Centre

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Air Pollution Database
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Major Pollution Sources in India
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Environmental Information System Centre
 Acid Rain and Atmospheric Pollution (ARAP)
 (Sponsored by Ministry of Environment, Forests & Climate Change, Govt. of India)
 INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE, INDIA

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Air Pollution Portal

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[Latest Newsletter](#) | [New Initiative](#) | [Latest Research Highlight](#)

Data Bank of ARAP
Our Asset - Up to date database on Acid Rain, Atmospheric Pollution, Emission Inventories, Major Air Pollution Sources, Meteorology, Agriculture and Current Air Pollution Standards at local, regional and global scale. Access our Graphical view for better visualization of available datasets... [MORE](#)

Extreme Pollution Events | **Bibliography & Abstract Service** | **ENVIS Publications**
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14th January: Celebrate National Forest Conservation Day

January 2016

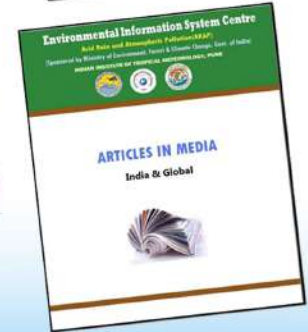
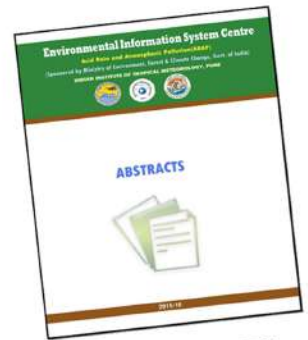
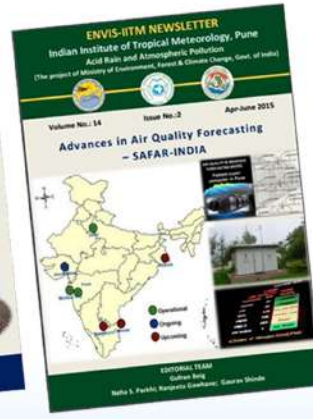
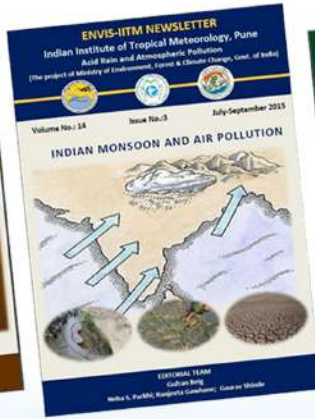
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14 National Forest Conservation Day	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



ENVIS - IITM - Spreading awareness through series of newsletters & other publications

Compendium of news & research articles

Quarterly published newsletters



27th February: Celebrate International Polar Bear Day

February 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2  World Wetlands Day	3	4  Save the World	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19  SAVE WATER THE WORLD IS IN YOUR HANDS	20	21
22	23	24	25	26	27  International Polar Bear Day	28  National Science Day
29			 Save the World			

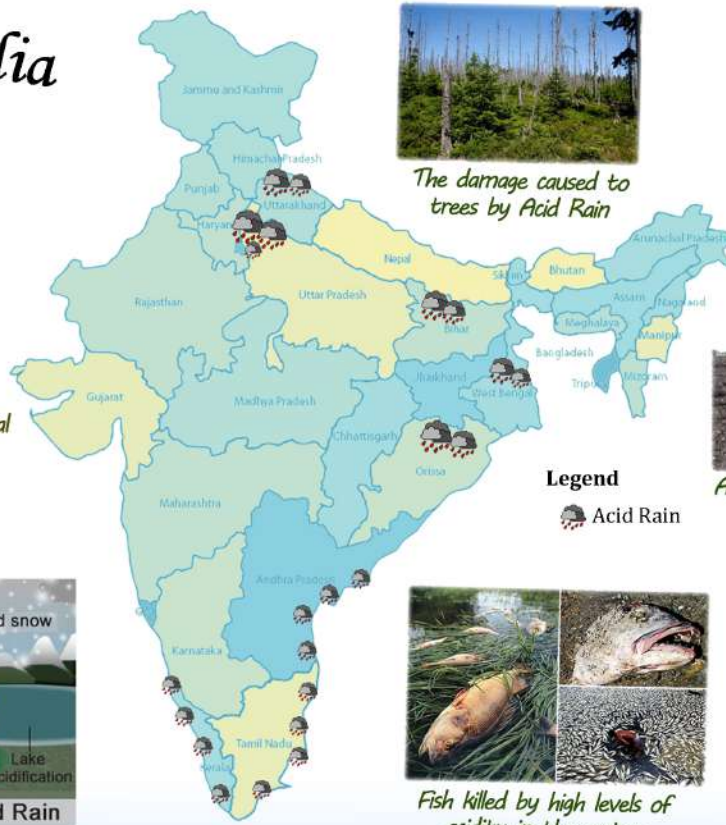


IITM-Environmental Information System Centre (ENVIS)
 System of Air Quality & Weather Forecasting & Research (SAFAR-India)
 ESSO-INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE - 411 008
 Website: iitmenvis.nic.in, safar.tropmet.res.in | E-mail: iitm-env@nic.in | IVRS Toll Free No.: 18001801717

Acid Rain - India



Acid rain can eat through stone and metal Taj Mahal turning a sickly pale shade because of Acid Rain



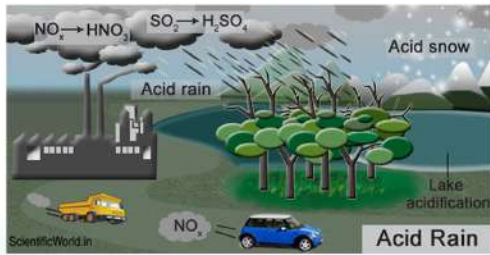
The damage caused to trees by Acid Rain



A building weathered by acid rain



Acid Rain Damages Crops in Western India



Fish killed by high levels of acidity in the water



Acidity Effects on Salamander Eggs/Embryos

23rd March: Celebrate World Meteorological Day

March 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0	1	2	3 World Wildlife Day	4	5	6
7	8	9	10	11 REDUCE, REUSE, RECYCLE	12	13
14	15	16	17	18	19 Earth Hour Day	20 World Sparrow Day
21 World Planting Day	22 World Water Day	23 World Meteorological Day	24 Holi	25 Good Friday	26	27
28	29	30	31 SWITCH OFF SAVE ENERGY			



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- CURRENT AIR QUALITY & 3 DAY FORECAST
 - AQI -HEALTH ADVISORIES
 - UVI-SKIN ADVISORY
 - CURRENT WEATHER & 3 DAY FORECAST
 - EMISSION SCENARIO

18th April: Celebrate World Heritage Day

April 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6	7 World Health Day	8 Gudi Padava	9	10
11	12	13 save energy	14	15	16	17
18 World Heritage Day	19 Mahavir Jayanti	20	21	22 Earth Day	23	24
25	26	27	28	29	30	



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Convert Science to Information



COMPLICATED DATA



GOOD



SEVERE



COMMON MAN'S LANGUAGE

1st May: Celebrate Anniversary of SAFAR - Pune

May 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					 International Labour Day	1 SAFAR-Pune Anniversary
2	3	4	5	6	7	8
9	10 World Migratory Bird Day	11	12	13	14	15
16	17	18	19	20	21 Buddha Purnima	22 International Day for Biological Diversity
23 World Turtle Day	24	25	26	27	28	29
30	31					



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Smart Communication Tools



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ON ROAD-SEE LED DISPLAY

Spreading Knowledge

No cautionary action required
ARE YOU OK?
Everyone should avoid all physical activity outdoors

WEATHER
Triggers Health alert.
NIGHT POLLUTION Vs DAY POLLUTION

SYMPTOMS
KNOW LEADING SOURCE OF POLLUTION
WINTER POLLUTION

EVERY POLLUTANT NOT EQUALLY TOXIC
Air pollution poses little or no risk.
WHAT YOU DO?

5th June: Celebrate World Environment Day

June 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

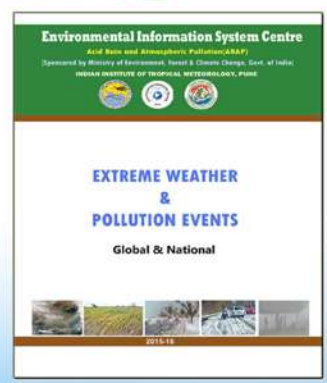


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EXTREME POLLUTION EVENTS



Rare collection on "Extreme Weather & Air Pollution Episodes"



28th July: Celebrate World Nature Conservation Day

July 2016

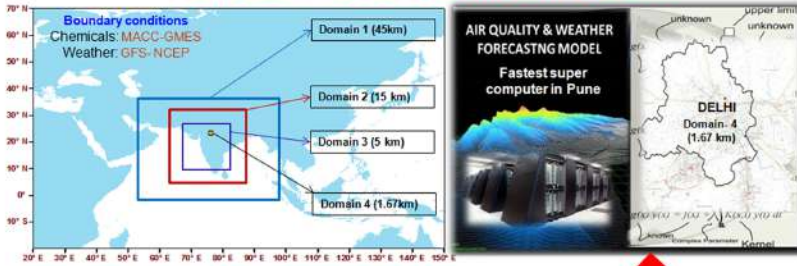
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			Save Energy	1	2	3
4	5	6 Idu'l Fitr	7	8	9	10
11 World Population Day	12	13	14	15 Save energy, Save Money, Save the Earth, Save the Environment	16	17
18	19	20	21	22	23	24
25	26	27	28 World Nature Conservation Day	29 International Tiger day	30	31



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SAFAR - System of Air Quality and Weather Forecasting And Research

FORECASTING IS A COMPLEX PROCESS



We have simplified it for society

	DELHI	PUNE	MUMBAI	Ahmedabad	Chennai	Kolkata
Pollutants	Today	Advisory	Tomorrow's Forecast	Advisory	After 3 days	Advisory
PM10 (µgm-3)	165.7	Moderate	175.8	Moderate	180.75	Moderate
PM2.5 (µgm-3)	97.5	Poor	106.7	Poor	110.9	Poor

Available for Delhi, Pune and Mumbai

12th August: Celebrate Youth Day

August 2016



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Environmental Awareness Event - Best out of waste competition



16th Sept: Celebrate World Ozone Day

September 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4
5 Ganesh Chaturthi	6	7	8	9	10	11
12 Id-ul-Zuha (Bakrid)	13	14 SAVE ENERGY THIS MEANS YOU!	15	16 World Ozone Day	17	18 International Coastal Clean Up Day
19	20	21	22	23 Launch of India's 1st AQ forecasting System	24	25
26	27 World Rivers Day	28 Green Consumer day	29	30 The Earth clean		



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Environmental Awareness Event - Drawing Competition



24th Oct: Celebrate International Day of Climate Action

October 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2  Gandhi Jayanti
3  World Habitat Day	4  World Animal Day	5	6	7	8	9
10	11  Dussehra	12  Muharram	13	14  World Standards day	15	16
17	18	19	20	21	22	23
24  International Day of Climate Change	25	26	27	28	29	30  Diwali (Deepavali)
31	 Save Tree Save Planet					



SAFAR - System of Air Quality and Weather Forecasting And Research

- Mobile Van to Monitor Air Quality



19th Nov: Celebrate International GIS Day

November 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6
7	8	9	10	11 National Education Day	12	13
14 Guru Nanak Jayanti	15	16 International GIS Day	17	18	19	20
21 World Fisheries day	22	23	24	25	26	27
28	29	30 Think. Act. Save.				



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Review of Extreme Weather & pollution events - India



2nd Dec: Celebrate National Pollution Control Day

December 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2 National Pollution Control Day	3 Bhopal Gas Tragedy Day	4
5 World Soil day	6	7	8	9	10 Human Rights day	11 International Mountain Day
12	13	14 National Energy Conservation Day	15	16	17	18
19	20	21	22	23	24	25 Christmas Day
26	27 	28	29	30 	31	



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