

## STATE OF ENVIRONMENT ATLAS OF INDIA-OUTLINE

Sl. No.	Maps Themes	Features	Data Source
<b>I: GENERAL CHARACTERISTICS</b>			
I.	Administrative Divisions	International, States, Districts Boundaries with State Name	Survey of India
II.	Settlement Location	State, Districts and town name	Survey of India
III.	Major Road	National Highways with no.s	National Highway Authority of India
IV.	Climate	Rainfall and Temperature	Environmental Atlas of India, CPCB & NATMO
V.	Land use	Land Use Type	Environmental Atlas of India, CPCB & NATMO
VI.	Soil	Soil Type	National Atlas & Thematic Mapping Organization (NATMO)
VII.	Land Capacity	Type of Land	National Atlas & Thematic Mapping Organization (NATMO)
VIII.	River Basin	River Basin Name	National Atlas & Thematic Mapping Organization (NATMO)
IX.	Earthquake Zone	Earthquake Zone	National Information Centre (NIC)
X.	Natural Hazards	Natural Hazards	Environmental Atlas of India, CPCB & NATMO
XI.	Wasteland Area	Total Wasteland Area	Wastelands Atlas of India, 2005
XII.	Agricultural Land	Percentage of Agricultural Land to Total Geographical Area (TGA)	Rajya Sabha Unstarred qns. No. 4307 dated 31.8.2001
XIII.	State wise Land Degradation	State wise various kind of land degradation	Watershed Development in India: Status and Perspective – 2008
XIV.	State wise total rehabilitated Area	State wise area under degradation and achievement of watershed development programmes in India	Watershed Development in India: Status and Perspective – 2008
XV.	Annual Rainfall 2009	Annual rainfall 2009 in Actual, Normal and Departure.	Indian Institute of Tropical Meteorological (IITM), Pune
XVI.	State wise installed capacity of renewable energy	Various installed capacity of renewable energy.	Energy statistics of India 2008,
XVII.	State wise Potential of Renewable power of India	Potential of renewable energy	Energy statistics of India 2008
<b>2. ENVIRONMENTALLY SENSITIVE ZONES</b>			
I.	Reserve Forest	Area of Reserve Forest	State of Forest Report 2005, Forest Survey of India
II.	Protected Forest	Area of Protected Forest	State of Forest Report 2005, Forest Survey of India
III.	Forest Cover in Tribal Districts	Total Forest area in tribal dist.	State of Forest Report 2005, Forest Survey of India
IV.	National Parks	State wise area & no. of National Parks	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)

Sl. No.	Maps Themes	Features	Data Source
V.	Wildlife Sanctuaries	State wise area and no. of wildlife Sanctuaries	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
VI.	Elephant reserve area	Elephant reserve area, range and no. of elephant	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
VII.	Drought Prone District	Area and no. of Drought Prone districts	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
VIII.	Forest Change (2001-2003)	District wise total forest and change of forest	State of Forest Report 2003, Forest Survey of India
IX.	Forest Change (2003-2005)	District wise total forest and change of forest	State of Forest Report 2003, Forest Survey of India
X.	Forest Change (2005-2007)	State wise total forest and change of forest	State of Forest Report 2009, Forest Survey of India
XI.	Biogeographic Zones	Biogeographic Classification of India	Wildlife Institute of India, MoEF
<b>3. ENVIRONMENTAL QUALITY</b>			
I	Air Quality	Air quality & location	Environmental Atlas of India, CPCB & NATMO
II	Ground Water quality	GW quality and location	Environmental Atlas of India, CPCB & NATMO
III	Surface water quality	Basin wise water quality	International Work Session on Water Statistics
IV	Surface Water quality (River wise)	River Water quality	Environmental Atlas of India, CPCB & NATMO
<b>4. SOCIO-ECONOMIC PROFILE</b>			
<b>DEMOGRAPHIC STRUCTURE</b>			
I.	Total Population	District wise total population	Census of India 2001
II.	Growth Rate	Decadal growth rate	Census of India 2001
III	Literacy Rate	District wise literacy rate	Census of India 2001
IV	Main worker	District wise Main workers	Census of India 2001
V.	Marginal workers	District wise Marginal workers	Census of India 2001
VI.	Population of SC	District wise SC population	Census of India 2001
VII	Population of ST	District Wise ST population	Census of India 2001
	Projected Population 2005 – 2009	State wise projected population from 2005 to 2009	National health profile 2008
	Projected Population 2010 – 2016	State wise projected population from 2010 to 2016	National health profile 2008
VIII	Total urban population	Urban Population of State/Uts	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
IX	Sex Ratio	District wise Sex ratio	Census of India 2001

<b>URBAN SETTLEMENT</b>			
X	Urban Slum Population	State wise urban slum population	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
XI	City Town Reporting slum	State wise City Town reporting slums	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
XII	SC population in urban area	State wise SC population in urban area	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
XIII	ST population in urban area	State wise ST population in urban area	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
<b>QUALITY OF HEALTH</b>			
I.	Population below poverty line	State wise population below Poverty Line	Census of India 2001
II.	Life Expectancy at birth	State wise Life expectancy at birth	National health profile 2006
III.	Livestock Population	State wise Livestock Population	Compendium of environment Statistics India, 2006
IV.	Infant Mortality Rate	State wise infant Mortality rate	National Health Profile 2006
V.	State wise cases of Malaria	State wise cases and deaths due to malaria – (2007 – 08)	National health profile 2008
VI.	State wise cases of Chikyungunya	State wise cases and deaths due to chikyungunya (2007 - 2008)	National health profile 2008
VII.	State wise cases of Dengue	State wise cases and deaths due to Dengue (2007 - 2008)	National health profile 2008
VIII.	No. of Govt. Hospitals	State wise no of Govt. hospitals and Beds.	National health profile 2008

Sr. No	MAP THEMES		DATA SOURCES
5.	<b>PRESSURE-SATE-IMPACT –RESPONSE (PSIR) THEMATIC MAPS: CAUSE-EFFECT RELATIONSHIP</b>		
<b>A. LAND DEGRADATION</b>			
I	Soil Erosion	<b>P</b>	Environmental Atlas of India, CPCB & NATMO
II	Status of Land degradation	<b>S</b>	Environmental Atlas of India, CPCB & NATMO
III	Area of wastelands	<b>I</b>	Wastelands Atlas of India- 2005
IV	Integrated wasteland development Programme	<b>R</b>	Ministry of Rural Development, Govt. of India
<b>B. BIO DIVERSITY LOSS</b>			
I	Extent of deforestation	<b>P</b>	State of Forest Report -2005, Forest Survey of India
II	Tiger Reserve Area	<b>S</b>	Annual report 2005-06
III	Tiger population	<b>I</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
IV	Financial assistance for conservation of Tiger	<b>R</b>	Annual report 2005-06
<b>C. FOREST</b>			
I	Forest Cover Change	<b>P</b>	State of Forest Report 2003, Forest Survey of India
II	Forest Cover	<b>S</b>	State of Forest Report 2003, Forest Survey of India
III	Area Under Gullied Erosion	<b>I</b>	Wastelands Atlas of India- 2005
IV	Joint Forest Programme	<b>R</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
<b>D. WATER SCARCITY</b>			
I	Population growth	<b>P</b>	Census of India 2001
II	Total Replenishable Ground Water Resource	<b>S</b>	Central Ground Water Board
III	Decline Ground Water Table	<b>I</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
IV	Drought Prone area Programme (DPAP)	<b>R</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
<b>E. DEGRADING WATER QUALITY</b>			
I	Fertilizer Consumption	<b>P</b>	Fertilizer Statistic 2005-06
II	Contamination Nitrate	<b>S</b>	Central Pollution Control Board
III	Water Born Diseases	<b>I</b>	National Health Profile 2006, Ministry of Health & Family Welfare
IV	Water Quality Monitoring Programme	<b>R</b>	Central Pollution Control Board
<b>F. AIR POLLUTION</b>			
I	Number of Vehicles	<b>P</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
II	Emission of SO <sub>2</sub> , NO <sub>x</sub> , RSPM & SPM	<b>S</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
III	Health Impacts	<b>I</b>	National Health Profile 2006, Ministry of Health & Family Welfare
IV	Air Quality standards	<b>R</b>	Central Pollution Control Board

<b>G. MINING</b>			
I	Type and Distribution of Industries Map	<b>P</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
II	Production of Stone	<b>S</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
III	Mining Wastelands	<b>I</b>	Wastelands Atlas of India- 2005
IV	Integrated Wasteland Development Programme	<b>R</b>	Ministry of Rural Development, Govt. of India
<b>H. MUNICIPAL SOLID WASTE (MSW)</b>			
I	Population Growth	<b>P</b>	Census of India 2001
II	Per capita MSW generation	<b>S</b>	Compendium of Environment Statistics India, 2006 (Ministry of Statistics and Programme Implementation)
III	Detioration of Ground Water Quality	<b>I</b>	Central Ground Water Board
IV	Urban Renewal Mission Programme	<b>R</b>	Ministry of Urban Development Govt. of India