

LAND DEGRADATION MAP OF ODISHA 2015-16



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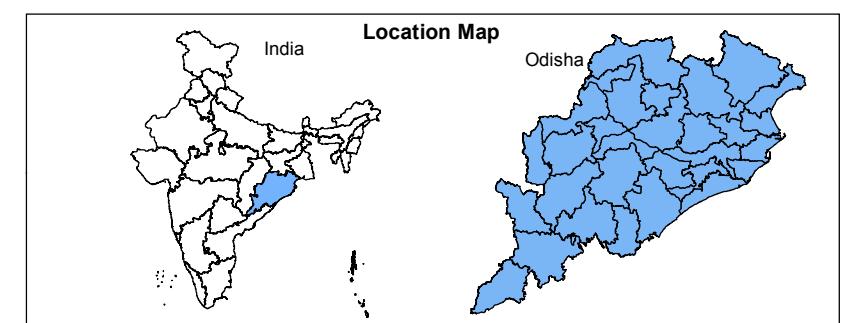
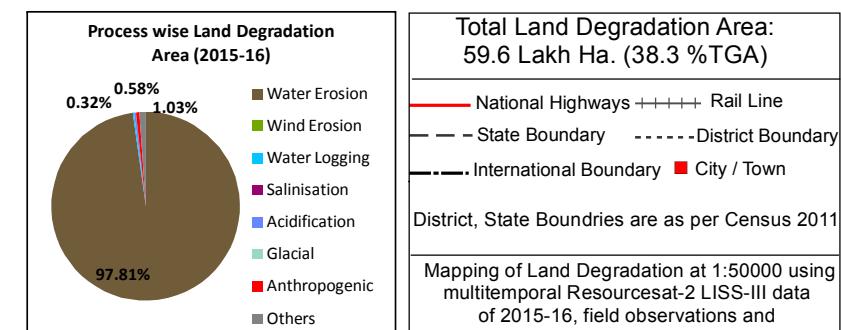
ISRO- NNRMS- NATURAL RESOURCES CENSUS PROGRAM



LEGEND

S.No	Process	Code	Land Degradation Class	Symbol	Area Ha.
1	Water Erosion	A1	Sheet erosion - Slight		2177222
2		A2	Sheet erosion - Moderate		2744304
3		A3	Sheet erosion - Severe		843603
4		A4	Rills		428
5		A5	Gullies		65027
6		A6	Ravines-Shallow		2397
7		A7	Ravines-Deep		
8	Wind Erosion	B1	Sheet erosion - Slight		
9		B2	Sheet erosion - Moderate		
10		B3	Sheet erosion - Severe		
11		B4	Stabilized Dunes		335
12		B5	Partially Stabilized Dunes		
13		B6	Un-Stabilized Dunes		
14	Water logging	C1/C2	Surface ponding - Seasonal/Permanent		13938
15		C3	Subsurface waterlogged		2153
16		D1-D3	Saline - Slight/Moderate/Severe		2209
17	Alkalisation	D4-D6	Sodic - Slight/Moderate/Severe		
18		D7-D9	Saline Sodic - Slight/Moderate/Severe		848
19		D10	Rann		
20	Acidification	E1/E2	Acidic - Moderate/Severe		18835
21		F1	Frost heaving		
22		F2	Frost Shattering		
23	Glacial	G1	Industrial effluent affected areas		13703
24		G2	Mining and dump areas		20004
25		G3	Brick kiln		663
26	Others	H1	Mass movement / mass wastage		
27		H2	Barren rocky / Stony waste		55695
28		H3	RiverineSands/Sea Ingress etc		5753

Note: White colour in map indicates either no apparent degradation or normal land.



Project Execution	Regional Coordination	Partner Institution(s)
Soils and Land Resources Assessment Division, LRUMG, RSA-A, National Remote Sensing Centre, ISRO, Dept. of Space, Govt. of India Hyderabad-500037	Regional Remote Sensing Centre – Central,NBSS & LUP Campus, Nagpur-440010	Odisha Space Application Centre, Dept. of Sci. & Tech. Government of Odisha, Bhubaneswar – 751023