

Goal 15: Life on Land



Goal 15 aims to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. There are 12 targets in Goal 15 to measure the changing health and status of terrestrial ecosystems. A total of 15 indicators have been identified at national level to measure and monitor the progress of these targets and data is available for 12 indicators.

Number of indicators in NIF (Original)	Number of indicators in NIF (Revised)	Values available at National level	State value is available
21	15	12 (1 NA at State)	6

SL	NATIONAL INDICATOR	VALUE OF THE INDICATOR	
		India	Uttar Pradesh
Target 15.1: By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and dry lands, in line with obligations under international agreement			
1	15.1.1: Forest cover as a percentage of total geographical area, (in percentage) <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: 2 Years</i>	Year	Value
		2015	21.35 6.00
		2017	21.54 6.09
		2019	21.67 6.15
2	15.1.2: Protected area as percentage of total geographical area, (in '000 sq.km.) <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: 2 Years</i>	Year	Value
		2015	48.477
		2017	48.497
		2019	48.754
Target 15.2: By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally			
1	15.2.1: Percentage change in Forest Cover <i>Source: India State of Forest Report, Forest Survey of India, Ministry of Environment Forest and Climate Change / Periodicity: 2 Years</i>	Year	Value
		2015 over 2013	0.54 0.78
		2017 over 2015	0.97 1.93
		2019 over 2017	0.56 0.87
2	15.2.2: Total area covered under different afforestation schemes (in Hectare) <i>Source: Ministry of Statistics and PI, TPP / Periodicity: Annual</i>	Year	Value (in Hectare)
		2015-16	13,81,596 1,65,867
		2016-17	19,90,409 92,128
		2017-18	16,88,507 51,513
3	15.2.3: Tree cover as percentage of total geographical area <i>Source: India State of Forest Report, Forest Survey of India, Ministry of Environment Forest and Climate Change / Periodicity: 2 Years</i>	Year	Value
		2015	2.82 2.92
		2017	2.85 3.09
		2019	2.89 3.05

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Target 15.3: By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world			
1	15.3.1: Proportion of land that is degraded over total land area, 2015-16 <i>Source: National Remote Sensing Centre (NRSC), Dept. of Space / Periodicity: 5 Years</i>	27.77	
Target 15.4: By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development			
1	15.4.1: Percentage change in forest cover in hill districts <i>Source: India State of Forest Report, Forest Survey of India, Ministry of Environment Forest and Climate Change / Periodicity: 2 Years</i>	Year	Value
		2015 over 2013	0.60
		2017 over 2015	0.16
2	15.4.4: Percentage change in per capita income of Himalayan State over previous year <i>Source: NAD, Ministry of Statistics and PI / Periodicity: Annual</i>	Year	Value
		2015-16	10.58
		2016-17	9.72
		2017-18	11.87
Target 15.5: Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species			
1	15.5.1: Red List Index <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	Under compilation	
Target 15.6: Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed			
1	15.6.1: Number of Access and Benefit Sharing (ABS) agreements signed <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	Year	Value
		2015-16	92
		2016-17	182
		2017-18	316
		2018-19	283
Target 15.7: Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products			
1	15.7.1: Number of cases registered under the Wildlife Protection Act, 1972 (similar to 15.c.1) <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	Year	Value
		2015	698
		2016	565
		2017	342
		2018	207
Target 15.8: By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species			
1	15.8.1: Percentage change in prevention and control of invasive alien species <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	Under compilation	
Target 15.9: By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts			
1	15.9.1: Progress towards national targets established in accordance with Aichi Biodiversity Target 2 of the Strategies Plan for Biodiversity, 2011-2020 <i>Source: Ministry of Statistics and PI / Periodicity: Annual</i>	Under compilation	

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Target 15.a: Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems				
	National Indicator is under development			
Target 15.b: Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation				
1	15.b.1: Percentage of government spending on environmental protection to total government expenditure <i>Source: National Accounts Division, NSO, MoSPI / Periodicity: Annual</i>	Year	Value	
		2015-16	0.05	
		2016-17	0.04	
		2017-18	0.07	
Target 15.c: Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities				
1	15.c.1: Number of cases registered under the Wildlife Protection Act, 1972 (similar to 15.7.1) <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	Year	Value	
		2015	698	98
		2016	565	100
		2017	342	31
		2018	207	30