

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 16 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)	Number of indicators Under compilation	Values available at National level	State value is available
21	16*	3	13*	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	4.85
		2016	4.85
		2017	4.85
		2018	4.85
3	15.1.3 Area of Ramsar sites as a percentage to the total wetland area, (in percentage) <i>Source: Ministry of Environment Forest and Climate Change / Periodicity: Annual</i>	2016	4.15
		2017	4.15
		2018	4.15
		2019	7.00
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	Year	Value (in Hectare)

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		India		Uttar Pradesh
	afforestation schemes (in Hectare) <i>Source: Ministry of Statistics and PI, TPP / Periodicity: Annual</i>	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
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, <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	
		2019 over 2017	0.19	
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	NOT APPLICABLE
		2015-16	10.58	
		2016-17	9.79	
		2017-18	11.13	
		2018-19	10.31	
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	
		2019-20	300	
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	98
		2016	565	100
		2017	342	31

SL	NATIONAL INDICATOR	VALUE OF THE INDICATOR		
		India		Uttar Pradesh
		2018	207	30
		2019	296	54
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:(a) 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> (b) Integration of biodiversity into national accounting and reporting systems, defined as implementation of the System of Environmental-Economic Accounting <i>Source: Ministry of Statistics and PI / 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				
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 on environmental Protection	year	Value	
		2015-16	0.05	
		2016-17	0.04	
		2017-18	0.06	
		2018-19	0.09	
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 wildlife Protection act, 1972	Year	Value	
		2015	698	98
		2016	565	100
		2017	342	31
		2018	207	30
		2019	296	54

*15.4.4: Percentage change in per capita income of Himalayan State over previous year is not **not applicable in U.P.**