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**FOREST IS NATURAL RESOURCE**

# Introduction

Invaluable natural resources

Stable ecological balance

Mitigate climate change

Maintain biological diversity

Organic and nutrient soil

Wild life conservation

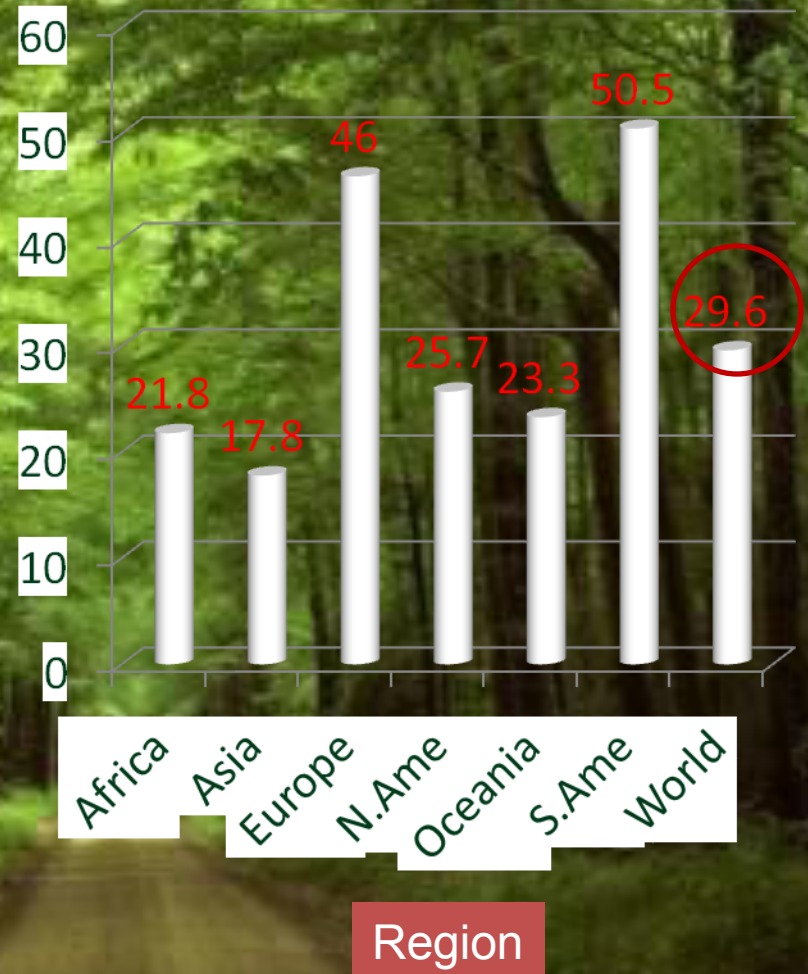
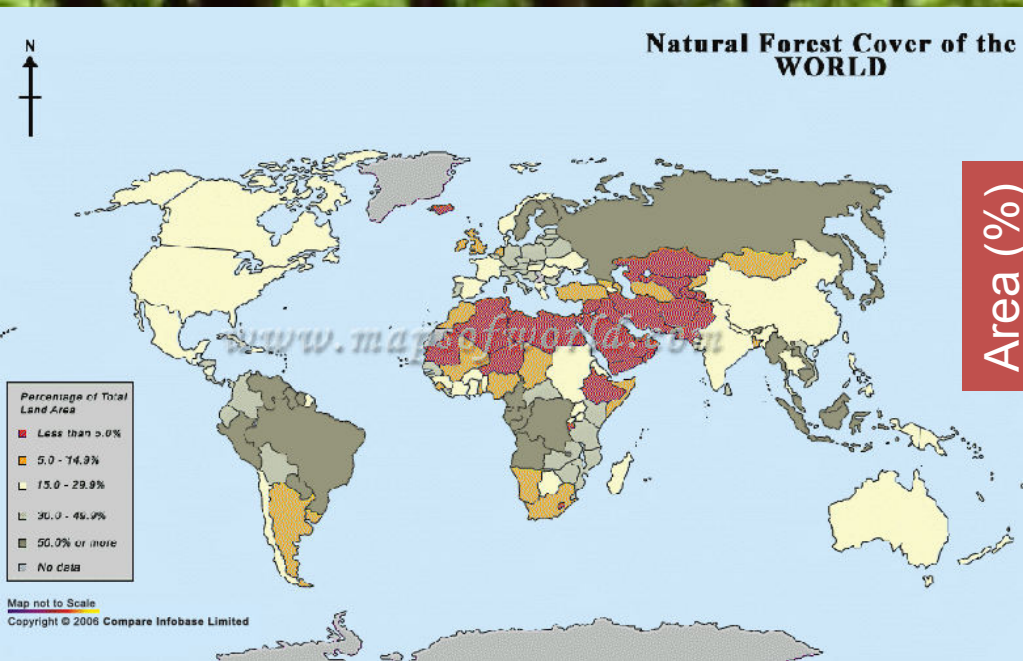
Soil erosion control

Increase ground water level

Control of flood and drought frequency

The National Forest Policy (1988), Environmental balance: Forest area  $\frac{1}{3}$  (33.33 %)

# Natural Forest cover of the World



Source : [www.fao.org](http://www.fao.org)

# Forest cover in India



State	Forest area %
Mizoram	91.27
Nagaland	81.21
A. N. Islands	80.76
Aru. Pradesh	80.43
Manipur	77.4
Meghalaya	77.23
Tripura	76.95
Goa	58.1
Sikkim	47.31
Uttaranchal	45.8
Kerala	44.58
D.N. Haveli	42.97
Chhatisgarh	41.33
Asam	35.3
Maharashtra	16.46

INDIAN OCEAN **Source: India State of Forest Report - 2009**

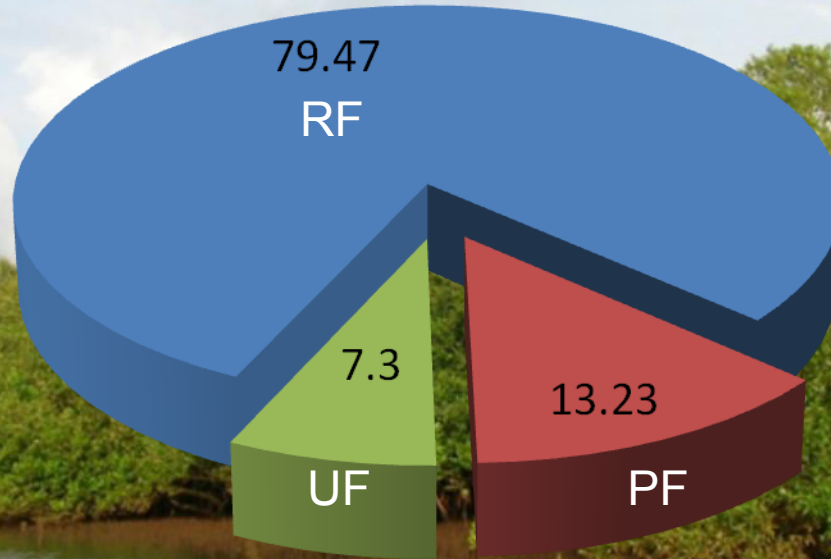
# Maharashtra state

- **Latitude** : 15° 35' N - 22° 02' N
- **Longitude** : 72° 36' E- 80° 54' E
- **Area** : 3,07,713 km<sup>2</sup>  
(9.36 % Country area)
- **Five regions** : Deccan plateau, Central highland, Eastern Chhota Nagpur plateau, Eastern Ghats, Coastal plains.
- **Rivers** : Krishna, Bhima, Godavari, Tapi-Purna and Wardha - Wainganga
- **Climate** : Tropical monsoon climate  
**Temp** - 25°C - 27°C  
**Rainfall** – 1600 -2500 mm
- **Population** : 9,68,78,627

Source: Land Use Statistics, Ministry of Agriculture, GOI, 206

# Maharashtra :Recorded Forest Area

**Recorded Forest Area: 50,650 km<sup>2</sup> (16.46%)**



**Protected Area** : 15,426 km<sup>2</sup>  
5 National Parks : 1,274 km<sup>2</sup>  
35 Wild life Sanctuaries : 14,152 km<sup>2</sup>

Source: Report of forest survey of India



VDF



OF

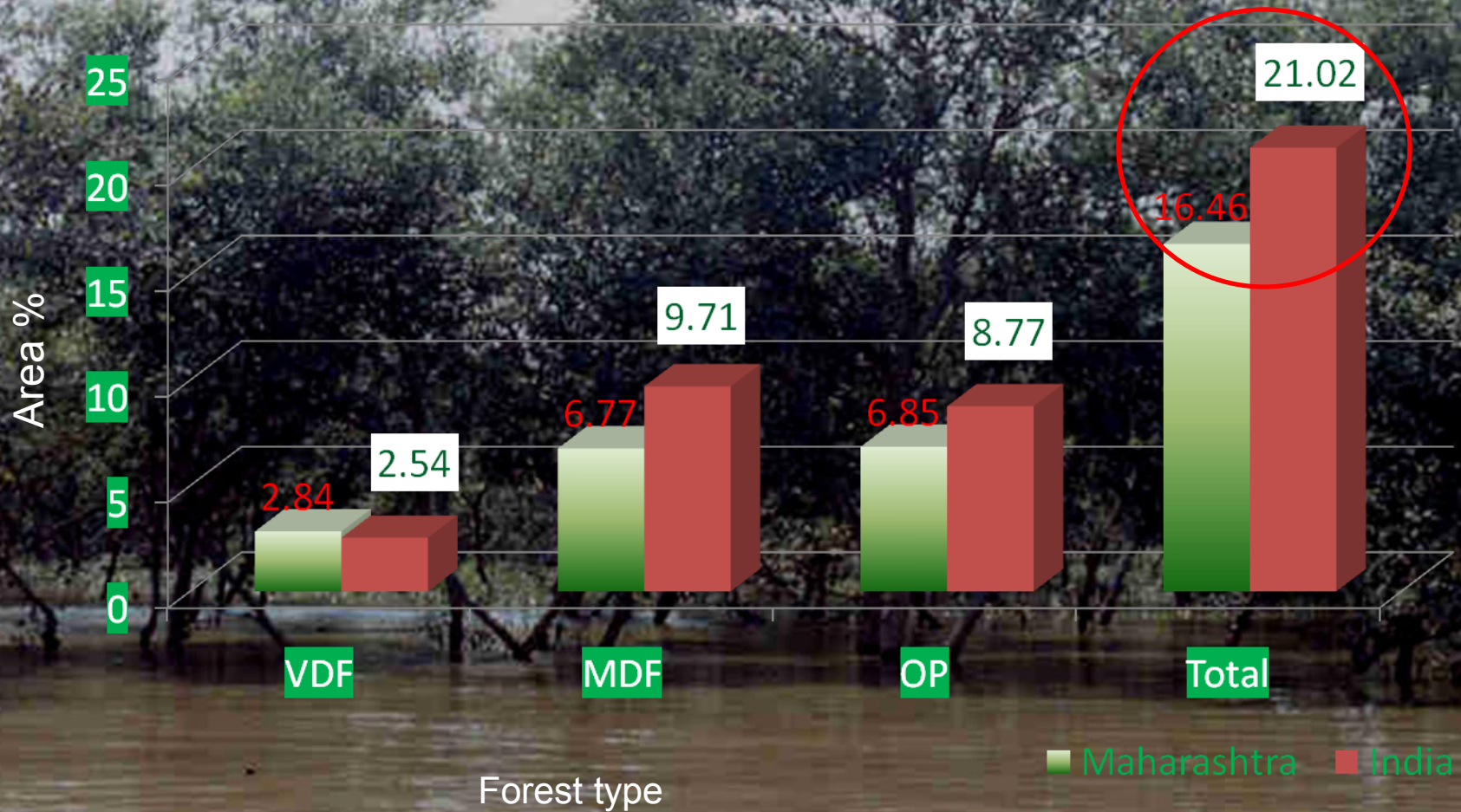


MDF



SCRUB

# Maharashtra : Forest Cover

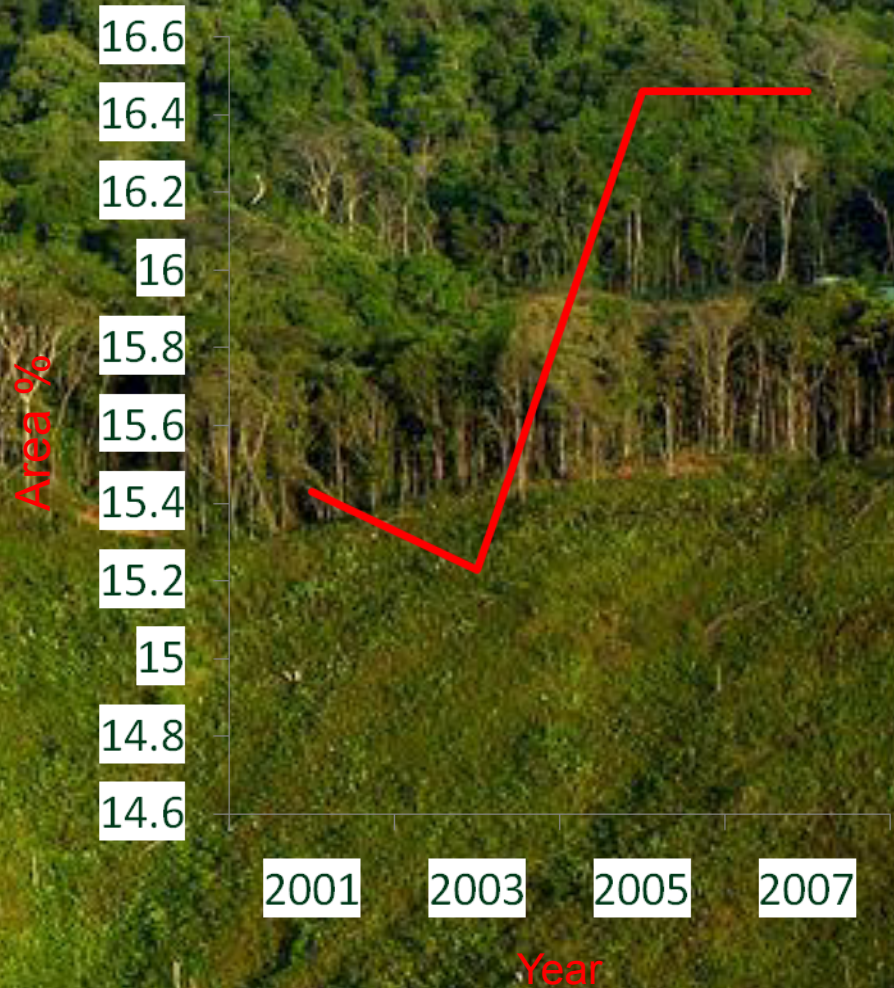


Source: India state of Forest Report - 2009



# Maharashtra : Forest Cover Comparison

Year	forest cover Km <sup>2</sup>	forest cover %	Net Change Km <sup>2</sup>
2001	47,482	15.43	
2003	46,865	15.23	-617
2005	50,661	16.46	3796
2007	50,650	16.46	-11

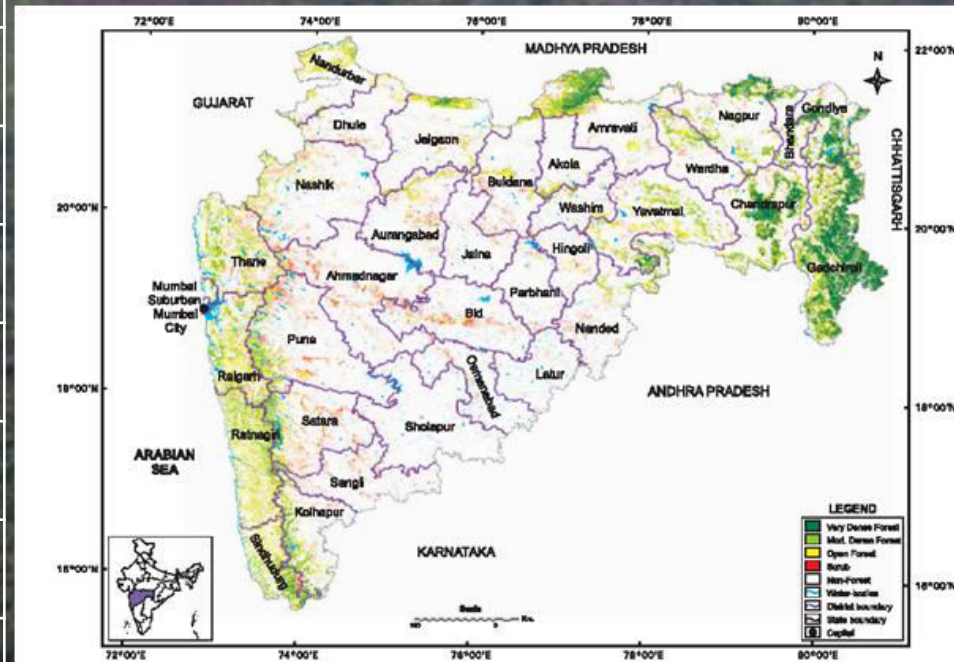


Source: Report of forest survey of India

# Maharashtra :

## Spatial distribution of Forest

District	% of G.A.	District	% of G.A.	District	% of G.A.
Gadchiroli	70.05	Nandurbar	20.37	Dhule	4.47
Ratnagiri	51.16	Yavatmal	19.18	hingoli	2.43
Sindhudurg	49.41	Wardha	13.62	Ahmadnagar	1.68
Raigarh	40.04	Satara	12.18	Sangli	1.68
Chandrapur	35.6	Pune	11.07	Bid	1.64
Gondia	35.08	Jalgaon	10.07	Mumbai City	1.27
Thane	30.47	Naded	8.68	Jalna	0.84
Mumbai	26.91	Nashik	7.01	Parbhani	0.79
Amravati	26.1	Washim	6.4	Osmanabad	0.57
Bhandara	24.83	Buldhana	6.1	Sholapur	0.32
Kolhapur	23.1	Akola	5.97	Latur	0.07
Nagpur	20.45	Aurangabad	5.51		



Source: Report of forest survey of India-2007

## Plantation:

Contry/State	plat. Acre/person	District	plat. Acre/person	District	plat. Acre/person
India	0.14	Gondia	-0.02	Akola	0.22
Maharashtra	0.13	Mumbai	0.00	Aurangabad	0.24
Division	plat. Acre/person	Mumbai City	0.00	Wardha	0.25
Nagpur	-0.06	Thane	0.01	Sangli	0.26
Kokan	0.02	Kolhapur	0.06	Latur	0.28
Pune	0.17	Bhandara	0.07	Buldhana	0.29
Amravati	0.20	Nagpur	0.08	Dhule	0.30
Nashik	0.23	Amravati	0.08	Sholapur	0.32
Aurangabad	0.31	Pune	0.12	Ahmadnagar	0.33
District	plat. Acre/person	Nandurbar	0.15	Parbhani	0.33
Gadchiroli	-1.35	Jalgaon	0.18	Washim	0.34
Sindhudurg	-0.24	Yavatmal	0.19	Hingoli	0.36
Ratnagiri	-0.21	Satara	0.20	Jalna	0.38
Raigarh	-0.05	Nasik	0.20	Bid	0.39
Chandrapur	-0.03	Nanded	0.22	Osmanabad	0.41



Thank You