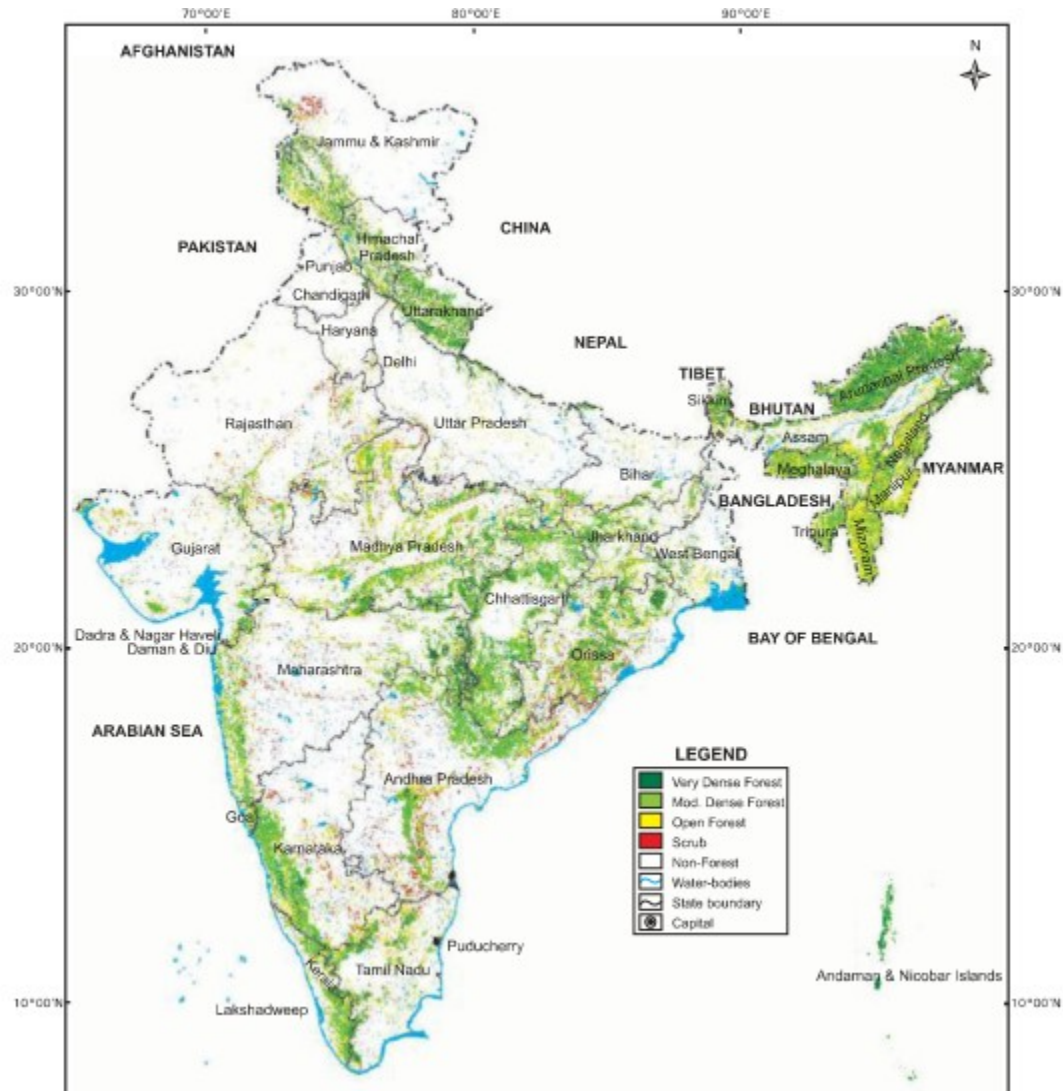


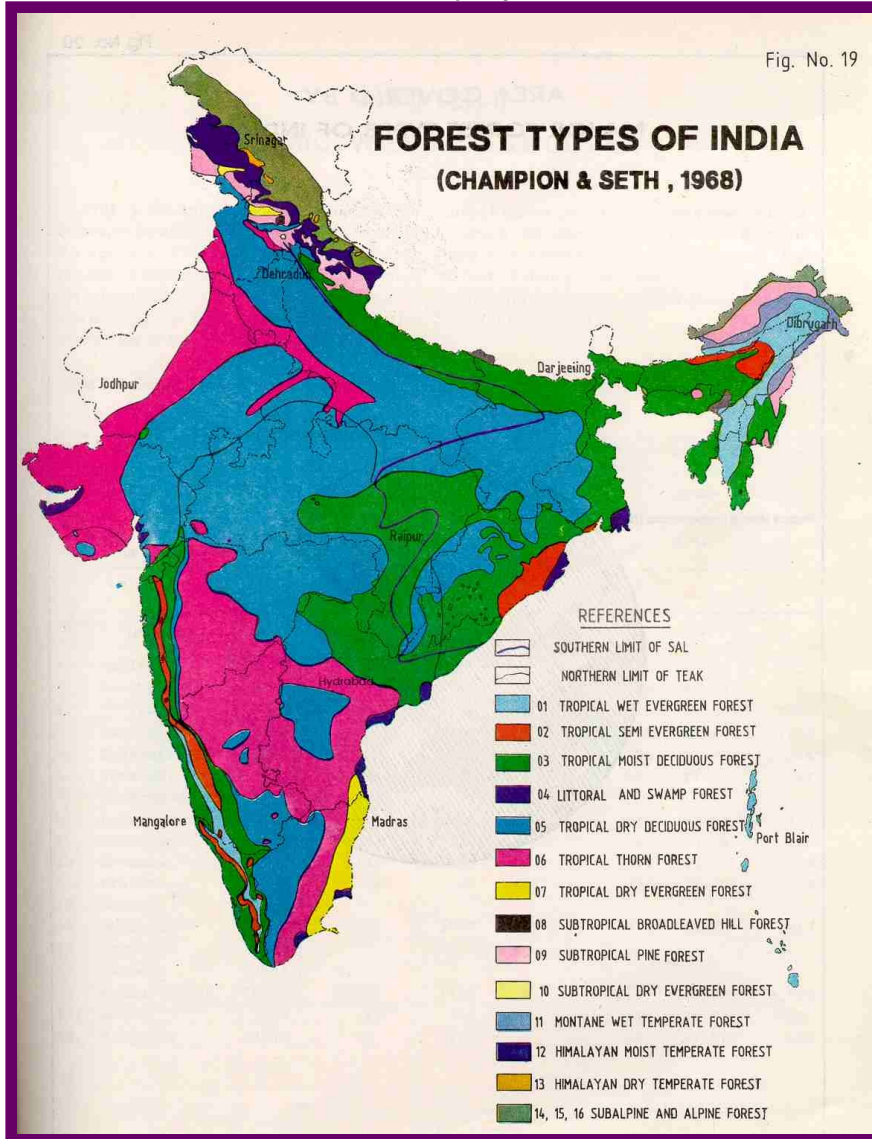
A scenic view of a narrow waterway flowing through towering, white, layered rock formations, likely a natural gorge or dam structure. The water is calm and reflects the surrounding rock walls. The sky is clear and blue.

Madhya Pradesh: Forest Management

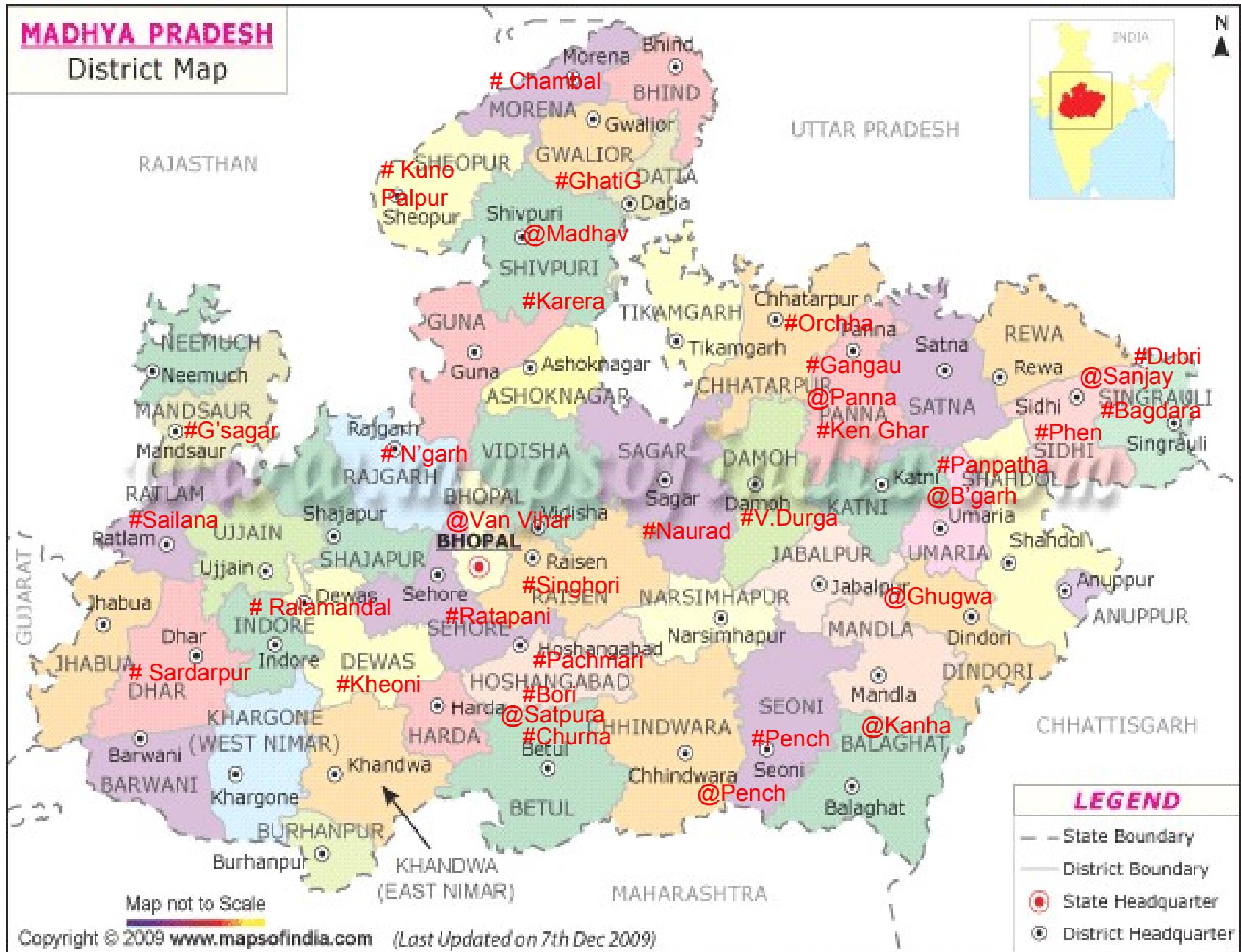
Forest Cover- India, 2013



Forest Types



MADHYA PRADESH District Map



Agroclimatic Zones

Chambal

Agro Climatic Zones in Madhya Pradesh

NARP

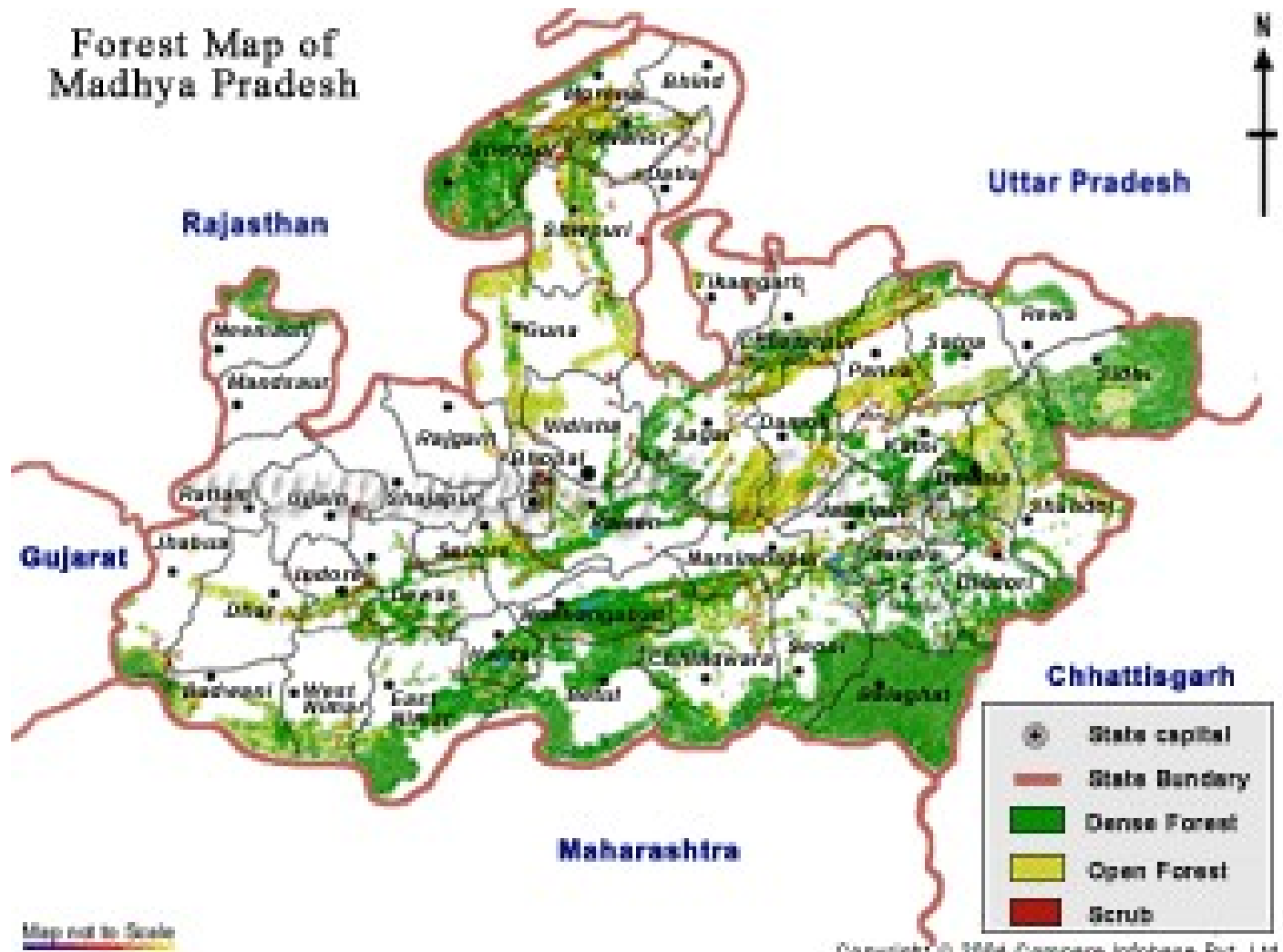
India: 127

M.P.: 11

Malwa Plateau



Forest Cover Map of Madhya Pradesh



Area Statement

	Geographical Area (sq.km)	Forest (sq.km)	Forest %
India	32,87,263	7,82,871	23.81
Madhya Pradesh	3,08,245	94,689	30.72

Status of Forest Area

Classification	Area (sq.km)	Forest %
Reserve Forest	61,886	65.36
Protected Forests	31,098	32.84
Other	1,705	1.08
Total	94,689	100.00

Density of Forests

Classification	Area (sq.km)	Forest %
Highly Dense Forest	6,640	7
Dense Forest	34,986	36
Open forest	36,074	39
Total Forested area	77,700	82
Open area	16,989	18
Total	94,689	100

Types and Area of Forest

Type of forests	Area (sq.km)	Forest %
Teak	18,332	19.36
Sal	3,932	4.15
Miscellaneous	55436	58.49
Open area	16989	18.00
Total	94,689	100.00

Madhya Pradesh Forest Department

Vision:

- Sustainable forest management in Madhya Pradesh

Mission:

- Management of the forest through strong institutional infrastructure for conservation and ecological security in order to meet the needs of the present and future generations.

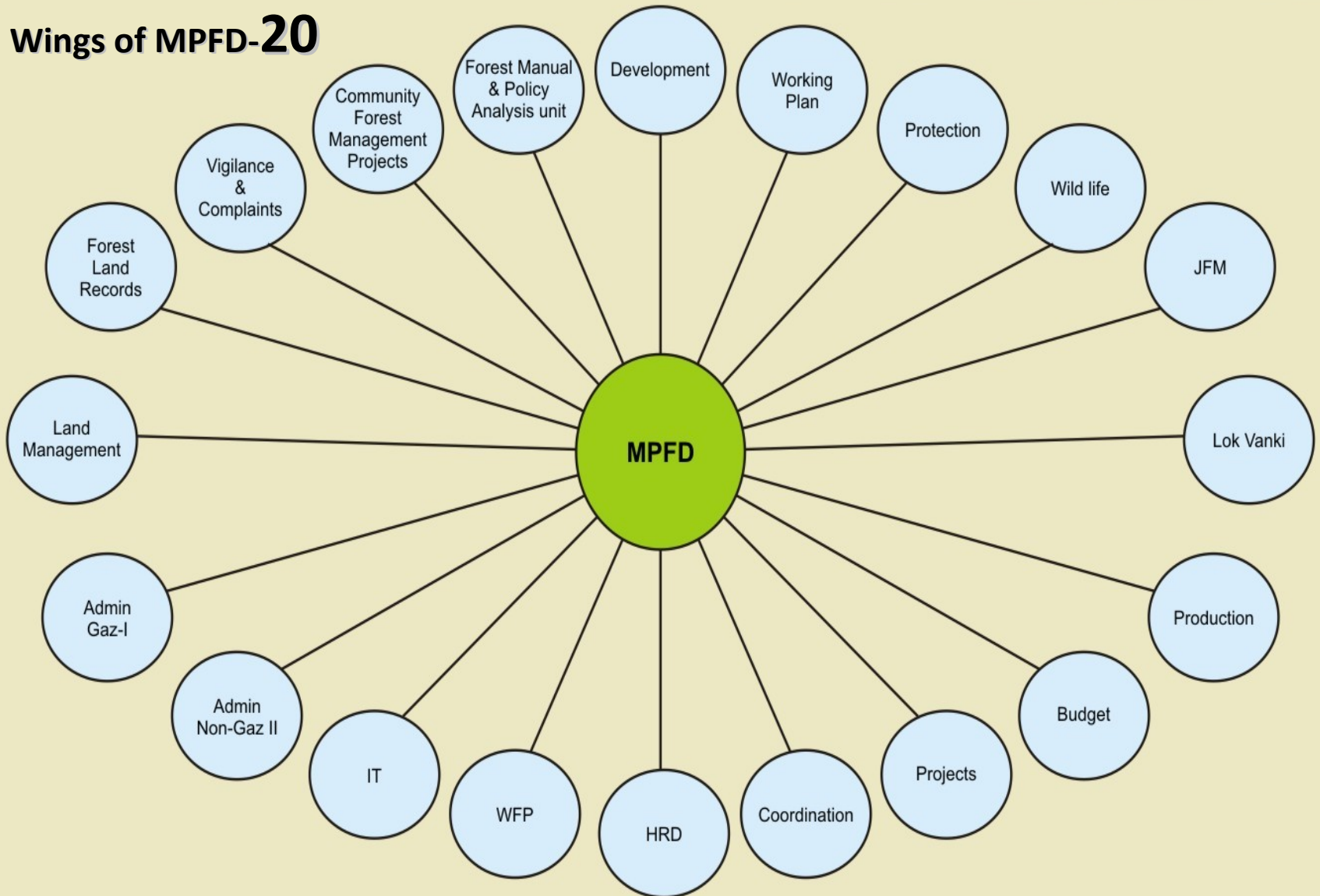
Prologue:

- The mountain ranges are Vindhyas, Satpura, Maikal and Aravali.
- The terrain is blessed with a fine network of lifeline rivers like Chambal, Mahi, Narmada, Tapi, Betwa, Ken and Son.
- This unique watershed offers cozy home for Tiger, Gaur, Panther and Vultures besides many other avian, aquatic and terrestrial large and small species.

Institutions:

- **Forest Department Established in 1861**
- **SFRI 1963**
- **MPSFDC 1975**
- **MFP Fed 1984**
- **MP State Biodiversity Board 2004**
- **MPEDB 2005**
- **MP Bamboo Mission 2013**

Wings of MPFD-20



The Organization

- **Managing Forest & Wildlife Resources for Posterity**
- **296 IFS and 350 SFS Officers**
- **20630 Uniformed Staff including RO, Dy.R.O., Foresters and Forest Guards**
- **About 3500 Ministerial (office) staff**
- **About 7500 Contract Staff**
- **Generating 10 cr person days employment annually**

Administrative Set Up

- Territorial Forest Circles 16
- Research & Extension 11
- Working Plan Units 16
- Forest Divisions 64
- National Parks 10
- Sanctuaries 25
- Forest Develop Corp. 11
- District Unions for Fedn. 64
- JFMCs 15228
- Prim FP Coll. Coop. Soc. 1066

State Forest Research Institute (SFRI)

- **SFRI was conceived in 1961 and established in 1963 over 102 ha in Jabalpur**
- **Research in Forest Management**
- **The Institute Aims to work towards Conservation of Natural Resources;**
 - ✓ **Increase in forest productivity and cover**
 - ✓ **Implementation of Joint Forest Management and wood and non-wood forest products**
 - ✓ **Improving seed quality of forest tree species and inventories on forest products**
 - ✓ **To promote transfer of technology from lab to land**
 - ✓ **It maintains and monitors sample plots and research centers all over the state**

MP State Forest Development Corporation

- **Established in 1975 it is operational through Project Division in 11 districts.**
- **The intensive Teak Plantation Assest raised by the Corporation**
- **Planted Bamboo**
- **It undertakes Plantation work in other areas than forest, such as mine overburdens, dam sides, catchments area treatment etc.**
- **A profit making Company.**

MP Minor Forest Produce (Trade & Development) Cooperative Federation

- Established in 1984**
- Starting from harvesting and sale of Bidi leaves**
- 64 district unions**
- 1066 primary forest produce corporative societies**
- A growing attraction for herbal products**
- India's strongest public sector undertaking in forestry**
- Activities include identification, processing, value addition, marketing, entrepreneurship**
- Annual turnover is Rs. 350 cr.**
- All the net income of Rs. 1000 cr. invested in the welfare**

MP Ecotourism Development Board (MPEDB)

- Constituted in 2005**
- 15 destinations developed**
- About 60 destinations to be developed**
- Upholds the standards of best practices in ecotourism**
- Collaborated with more than a dozen government and non-government agencies**
- Local inhabitants as the key stakeholders**
- A massive capacity building campaign**
- A delicate balance between extending tourism amenities and retaining the site in its attractive form for perpetuity**

MP Bamboo Mission

- **Established in 2013**
- **To raise production and link livelihood.**
- **Building capacity to involve producers.**
- **Training artisans to improve processing in production.**
- **Facilitating marketing of products to ensure returns to producers.**
- **Investors invited to ensure long term sustainability in trade.**
- **Forest Department prioritizing plantations of bamboo on forest lands.**
- **Extension activities to motivate private and farmers.**

MP State Biodiversity Board

- **Mandate :**

- ✓ Biodiversity Conservation and Development
- ✓ Sustainable use of Biological Wealth
- ✓ Equitable Sharing of Benefits and Stakes

- **Coordination :**

- ✓ Forest, Sericulture
- ✓ Agriculture, Animal Husbandry, Fisheries, Horticulture
- ✓ Education, Ayush, Science and Technology

Forest Development

- **Plan forest area classified as**
 - Protection (steep & fragile)
 - Regeneration (dense high forest)
 - Degraded (open forest with or without root stock)
- **Plantations: about 30 thousand ha annually**
- **Demarcation and maintenance of forest boundaries**
- **Fire protection**
- **Training**
- **Regeneration survey**
- **Creation of infrastructure (buildings, solar energy etc.)**

Forest Protection

- **Open wealth to be secured against mounting needs**
- **Guarded by 24 hour duty staff, on feet round the clock**
- **Communication by patrolling vehicles, wireless, Personal Digital Assistant**
- **Forest Stations based in remote & interior areas**
- **Modern web based applications used to take snap of events and relay**
- **Monitoring vigilant due to technology designs**
- **HRD tools for enabling tough career challenges**

People and Forests: JFM

- Inseparable components of ecosystem
- Institutional arrangements to support people's base
- Forest Development Agency to facilitate inclusiveness
- National Afforestation Program to increase green cover
- Country's largest institution: 15228 JFMCs
- EDC in prime Protected Areas
- FPC in high forests earning part of timber sale
- VFC in open forests using for bonafide plantations

Information & Communication Technology

- **Remarkable breakthrough during 11th FYP**
- **Web based applications developed**
- **Expertise replicated & used for other states, institutions and GoI ministries**
- **Developed efficient monitoring tools**
- **Software for tracking wildlife movement**

Major Forest Acts

- **Indian Forest Act 1927**
- **Wildlife Protection Act 1972**
- **Environmental Protection Act 1986**
- **Forest Conservation Act 1980**
- **Biological Diversity Act 2002**
- **Forest Rights Act 2006**



Thank you