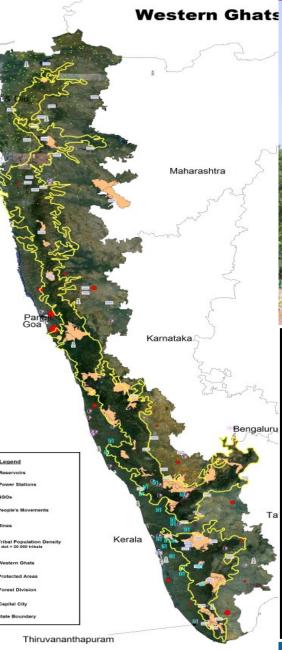
River Systems of Karnataka





Ramachandra T.V, Vinay S, Bharath Settur, Bharath H. Aithal Energy & Wetlands Research Group Centre for Ecological Sciences [CES], Centre for Sustainable Technologies [CST], Centre for Infrastructure, Sustainable Transport & Urban Planning [CiSTUP] Indian Institute of Science, Bangalore 560 012 Web: http://ces.iisc.ernet.in/energy, http://ces.iisc.ernet.in/biodiversity http://ces.iisc.ernet.in/grass E Mail: cestvr@ces.iisc.ernet.in, energy@ces.iisc.ernet.in





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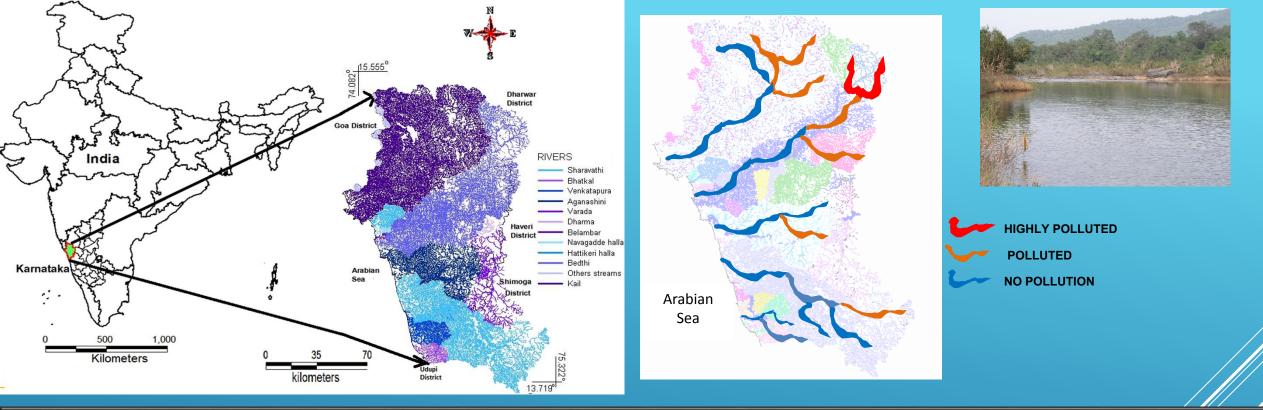


River basins:
1: Godavari,
2: Krishna,
3: Cauvery,
4: North Pennar,
5: South Pennar,
6: Palar,
7: West flowing rivers
River Basins of Kamataka

Rivers	Drainage area	
	1000 sq.km.	%
East Flowing rivers (1 to 6)	166.25	12.73
West Flowing rivers	24.25	87.27
Total	190.5	



No.	River System	Drainage Area	
		1000 Sq. km	%
	East Flowing Rivers		
1.	Godavari	4.41	2.31
2.	Krishna	113.29	59.48
3.	Cauvery	34.27	17.99
4.	North Pennar	6.94	3.64
5.	South Pennar	4.37	2.29
6.	<u>Palar</u>	2.97	1.56
7.	West Flowing Rivers	24.25	12.73
	Total	190.50	100



Uttara Kannada district with river network (Source: Energy & Wetlands Research Group, CES, Indian Institute of Science)

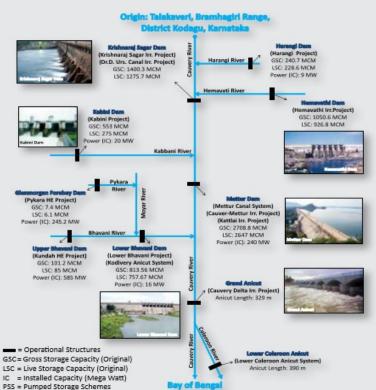


Threats: Sustained Inflow of Untreated (i) Industrial effluents, (ii) Sewage (iii) Rampant Sand Mining, (iv) removal of riparian Vegetation

Cauvery River

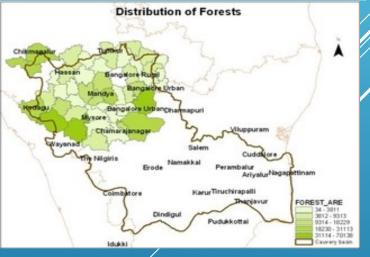


1	Catchment Area (Sq. Kms)	81,155
2	Basin Extent - Longitude	75° 30' to 79° 45' E
	Latitude	10° 05' to 13° 30' N
3	Length of Cauvery River (Km)	800
4	Average Water Resource Potential (MCM)	21358
5	Utilizable Surface Water Resource (MCM)	19000
6	Live Storage Capacity of Completed Projects (MCM)	8978.00
7	Live Storage Capacity of Projects under cnstruction (MCM)	15.0
8	Total Live Storage Capacity of Projects (MCM)	8993.00
9	No. of Hydrological Observation Stations (CWC)	34
10	No. of Flood Forecasting Stations (CWC)	-





Name of State	Drainage area			
Tamil Nadu	43,867			
Karnataka	34,273			
Kerala	2,866			
Pondicherry	149			
Total Drainage Area (Km²): 81,155				



Threats:

- Deforestation watershed area
- Pollution; unplanned urbanisation;
- Inappropriate cropping;
- Senseless water allocations

Salient Features of Cauvery Basin

Krishna River

73°00°E	Dimbine Brawana in second a chod	78'qo'e 79'qo'e 80'qo'e 81'qo'e e2 HINA BASIN	Name of the tributary	Catchmen t Sq.kms	Origin , Altitude & Length	Sub-tributaries	Name of the state
	A PUNE CALLENGE Hinter Ditor Ditor Koyna Koyna Connyti Ditorgan Dito	ALL	Ghataprabha	8,829	Western Ghats, 884 m, 283 kms	Hiranyakeshi, Markandeya	Maharshatra, Karnataka
ملر بگلر ، مر مرد 100.21	Varias Varias		, Malaprabha	11,549		Bennihalla, Hirehalla, Tas nadi	Karnataka
N'OO'N IS'OO'N	Almatti Hidkal Mafaprabha EphNui GOA	Jurala Project Orientation of Articles and Project Orientatio of Articles and Project Orientation of A	Bhima	70,614		Combined waters of Mula and Mutha Ghod, Nira,Sina	Maharastra, Karnataka
14'00'N 15' ARABIAN SEA	KARNATAKA SEGURA Unrescretoria	ANDHRA PRADESH ANDHRA PRADESH Legend State Capital G G G C C C C C C C C C C		71,417	Western Ghats at Gangamula, 1198 m, 531 kms	Combined waters of Tunga and Bhadra, Varada, Hagari (Vedavathy)	Karnataka & Andhra Pradesh
13°0'N	74'0'E 75'0'E 76'0'E 77'0'E	Sagar GDQ → International Bo * All sites are not shown at this map scale * For International/State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of International State boundaries and Coast-Line refer to Survey of Internating State boundaries and Coast-Line ref	and a second sec	and the second sec			

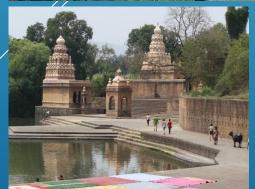
State wise	Drainage area (Km²)	
Maharashtra	69,425	August and
Karnataka	113,271	
Andhra Pradesh	76,252	
Total	258,948	

Threats:

- Deforestation watershed area
- Pollution; unplanned urbanisation;
- Inappropriate cropping;
- Unrealistic diversions







Mahadayi -Mandovi





Land use	
Forest	36.6%
Non Agriculture Land	4.10%
Barren and Uncultivable land	4.60%
Cultivable waste land including fallow land	19.7%
Permanent pastures and other grazing land	0.60%
Land under miscellaneous trees and crops	0.30%
Gross Sown Area	35.3%

