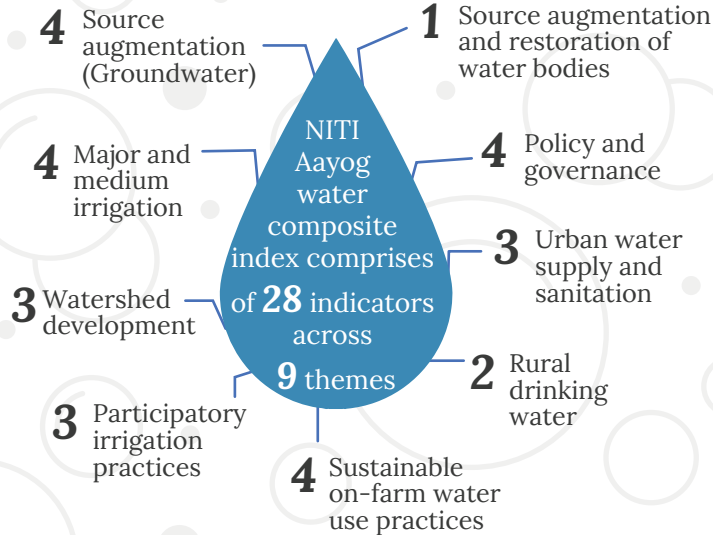


# NITI Aayog Water Index: Odisha languishes while Goa improved ranking



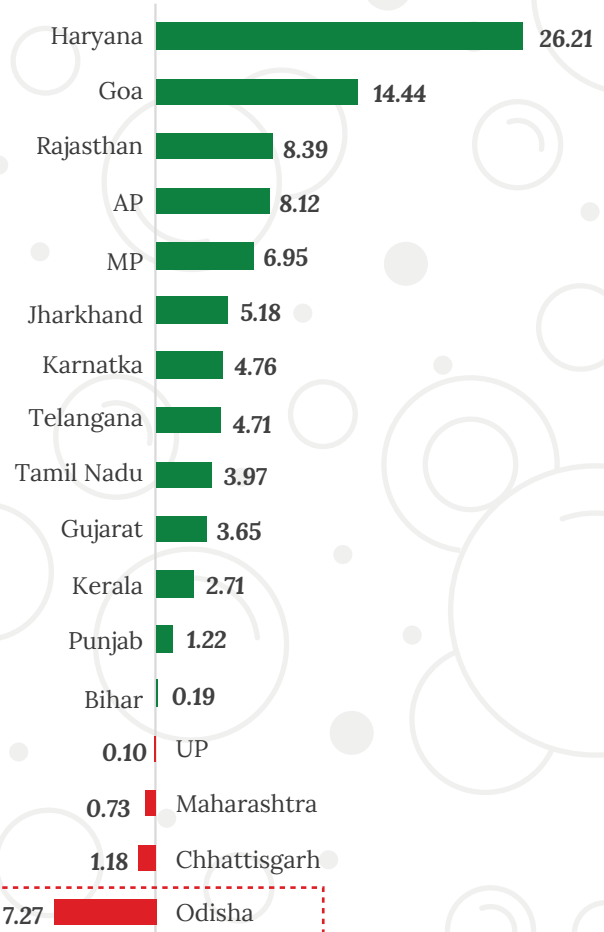
**Water Index Overall Performance: Odisha slips from 9th to 14th rank, which comes under bottom five states**

State	Base Year (2015-16)	Reference Year (2017-18)
Punjab	7	9
Chhattisgarh	8	13
<b>Odisha</b>	<b>9</b>	<b>14</b>
Goa	10	4
Telangana	11	10
Kerala	12	12

↓ ↑ ↔ Change in Rank

**Incremental Change: 13 states improved while 4 declined**

-10 -5 0 5 10 15 20 25 30



## 13 reasons why Odisha lags behind

Indicators	Base Year	Ref. Year	Best States
Availability of any Act or a regulatory framework for regulation of Groundwater use/ management	No	No	Yes Maharashtra
Expenditure incurred on works for maintenance of irrigation assets per hectare of command area (In INR thousand/ hectare)	4.4*	2	5.9 Goa
Length of canal and distribution network lined to total length of canal and distribution network found suitable for lining	54.0%	25.0%	95.0% UP
Area under rain-fed agriculture as a percentage of the net cultivated area	61.0%	62.0%**	2.0% Punjab
Irrigated command areas having WUAs involved in the O & M of irrigation facilities	68.0%	64.0%	98.0% MP
Area covered with segregated agriculture power feeder as compared to total area under cultivation with power supply	0.0%	0.0%	100.0% AP,GJ,Punjab
Villages provided with 24*7 piped water supply	0.0%	0.0%	100.0% AP
Villages having individual household water meters	0.0%	0.0%	100.0% Goa
Reduction in rural habitations affected by water quality problems	71.0%	7.0%	100.0% HR,Telangana
Capacity installed to treat urban wastewater as a proportion of total estimated wastewater generated in urban areas	7.0%	6.0%**	100.0% Haryana
Any legislation for protection of water bodies, water-supply channels & prevention of encroachment into/on them	No*	No	Goa
Availability of any framework for rain water harvesting in public and private buildings	No*	No	Goa
Availability of separate integrated Data Centre for water resources	No*	No	Goa

WUA- Water User Association

\* Base Year(2015-17) \*\* Reference Year (2016-17)

## Key takeaways:

- Odisha classified as "aspirant state" as it stays in last position in the overall incremental performance between 2015-16 and 2017-18.
- The decline in Odisha overall water index score is due to degraded performance on thirteen out of 28 indicators.
- Odisha is below median score consistently in both base and reference year in three themes 1. Sustainable on-farm water use practices, 2. Urban water supply and sanitation and 3. Policy and governance
- Odisha does not have a separate integrated Data Centre for water resources

Know more: [http://social.niti.gov.in/uploads/sample/water\\_index\\_report2.pdf](http://social.niti.gov.in/uploads/sample/water_index_report2.pdf)

## Overall Performance of Odisha

Themes	Overall Median Score	OD <sup>1</sup> Base Year	OD <sup>1</sup> Ref. Year	GJ <sup>2</sup> Ref. year
Source augmentation and restoration of waterbodies	3.27	↓	↑	↑
Source augmentation (Groundwater)	7.04	NA	NA	↑
Major and medium irrigation	8.43	↑	↓	↓
Watershed development	5.54	↔	↑	↑
Participatory irrigation practices	5.46	↑	↓	↑
Sustainable on-farm water use practices	3.79	↑	↓	↑
Rural drinking water	2.99	↑	↓	↔
Urban water supply and sanitation	5.64	↔	↔	↑
Policy and governance	11.06	↑	↓	↑

↓ ↑ ↔ Change in Rank 1. OD- Odisha 2. GJ-Gujarat

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