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52nd Year of Publication

Perspective of Water in Maharashtra: A Study

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India is the country with the highest Vider utilization country in the world because of the population of the population of the population of the population processing of the India is 13%. America is 9% and Chinin having 12%, suppose this ratio will continue, water problems would be increased and have to face the inadequacy of the water in the factor. The water in the factor inclination of the India. The India of India india india india india administration. It is not only that water problems are presentous in the population socior but, as a whole, the country has been facing a water colds both for agroculture as where colds both for agroculture as

Mehavashira state has a average 14.3.5 me precipitation which is not equal in estite area of the state. Korian, Mumbal and the state. Korian, Mumbal and the state. Some state of the state but in Ahmednagar, Solapur district and various Talukse of the Ahmednagar, Solapur district and various Talukse of the Mahmashira have only 30 cm cringlation closed, Mahmashira contingent of the days, impattor ratio is around it problem of dirinking water is Mahasashira in the research peru researchers have titled to focus o smallability, utilization and problems

are Asst. Professors, both are of Economics, Kermaveer Bh College, Vashi, Navi-Mumbsi. of water management and sugges some suggestion to solve the problems in Maharashtra.

To study the availability of water in Maharashtra.
 To assess the utilization pattern

On basis of this analysis esearchers have come to the conclusion that to reduce the problems of water in future there is an urgent need of complete the project within time, increase the irrigation potential, efficiently use the xisting potential, accept water saving mode's of irrigation, increase the scope of water

river joint projects with due consideration to the environmental balance. Otherwise in future, the itensity of water problems will increase in Maharashtra.

To assess the problems of vater management in Maharashtra.

Hypothesis of the Study

 Water distribution is not equal in different regions of Maharashtra.
 Water management is no efficient in Maharashtra.

This paper purely depends on

statistical data researchers have used various sources like Maharashtra Development Report of planning commission of GOI, Report on Benchmarking of Irrigation Projects in Maharashtra State 2007-09, Water resources reports of Maharashtra Government, research articles from e-jeumals, reference books, research articles from news

Annile billion of Mater

As per the data of Central Water Commission. The total impation to the 193.60 million hector from all socious (MM-Hardy and Medium Impation Projects, Mills-Millor Impation States and Mills and Mills Mills Impation potential is estimated to be 350 m/m (MM-410 mills register) and the 120 m/m and Mills - 3.05 m/m). This accounts for only 4-00 percent of impation potential is estimated to be 350 m/m (MM-410 m/m) and Mills - 3.05 m/m). This impation potential is estimated to be 350 m/m (MM-410 m/m) and Mills - 3.05 m/m). This impation potential is not seen to the second to t

As per the information available from CWC, 3596 large dams were completed in the country in 2002. Besides this, 695 projects were

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Distribution of Large Dams in India and Maharashtra

Sr.	No.Period	India	Maharashtra	% to India
1.	Up to 1950	293	51	17.406
2.	1951-60	234	25	10.684
3.	1961-70	461	146	31.670
4.	1971-80	1190	589	49.498
5.	1981-89	1066	324	30.394
6.	1990 and above	116	10	8.621
7.	Year not known	236	. 84	35.593
8.	Under Construction	695	300	43.165
	Total	4291	1529	35.633

Table-3

Comparative Status of an Average Ground Water Level in MaharashtraSr.

Sr.I	No Decline in Ground Water Level (In Mtr.)	2011 No.of Talukas	No.of Talukas
1.	0	231	175
2.	0-1	84	70
3.	1-2	23	38
4.	2-3	09	39
5.	More than 3	06	51

Table-4

Relationship among Ground Water, Precipitation and Water Shortage

If Precipitation Less of Average by	Ground Water Level Water	r Shortage Will Start From the Month of
More than 20 %	Decline by more than 3 Mtrs.	October
20 %	Decline by 2 -3 Mirs.	January
Less than 20 %	Decline by less than 2 Mtrs	April

43 percent dams were
Maharashtra. Maharashtra has ti
distinction of having the large
number Irrigation projects in ti
country. The Table-1 shows ti
picture of large dams in Maharashti

Table-1 shows that out of tot large dams in India, Maharasht accounted 35 percent, but irrigatio potential is only 6.40 percent Obviously, it shows controversy an resulted inefficiency of the irrigatio construction products.

Water Storages Availability, Irrigation & Non-Irrigation Water Use

elements on an evenage 74 percent of the stronge designed of water during 200001 to 2008-09. Actual storage was increased to 240007 mean from 18947 recount during the same period. The values using patient as insplication and the same period, same period, the s

Decline in Ground Water Level i 2012

in 2012, out of 353 talukas in it state, 224 talukas having less rainfi than average. In 111 talukas rainfi is less by 20 percent than averag Because of less rainfall the level ground water has declined Maharashtra. Which is shown in the

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Written by Administrator

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				52nd Year	of Public	ation)-			_	_
Table-2 Storages of Water, Irrigation & Non-Irrigation Water Use & Irrigation System Performance										
Irrigation YEAR	Designed storage (Mourn)	Actual Storage on15th Oct.	% of actual storage to Design (Moum)	Wa Irrigation on (Mourn)/ storage	ster Use For Non Int- gation (Mcum) %	Total Water use Mourn) water %	% of Total Water use actual to Actual storaged	Potential Created (Mhe)	Potential Utilized (Mna)	% o Utilised Potentia to Tota
2000-01	26748	18947	70.84	13575/78	3858/22	17433	92.01	3.706	1.298	35.02
2001-02	28062	18717	66.70	12346/76	3980/24	16326	87.23	3.769	1.25	33.17
2002-03	28715	18936	65.94	12965/75	4236/25	17201	90.84	3.812	1.318	34.58
2003-04	28840	16941	58.74	10569/69	4790/31	15369	90.72	3.863	1.244	32.20
2004-05	28889	18298	63.34	10603/69	4860/31	15463	84.51	3.913	1.257	32.12
2005-06	29110	24860	85.40	13689/74	4926/26	18616	74.88	4.003	1.617	40.39
2006-07	29531	27309	92.48	16630/65	4293/35	25404	93.02	4.132	1.835	44.41
2007-08	29116	25489	87.54	19763/75	6671/25	26435	103.71	4.331	1.897	43.80
2008-09	33071	24803	75.00	18486/73	6880/27	25366	102.27	4.486	1.825	40.68
Average	29120. 22	21588. 89	74.00	14291.78 /72.66	4943.78 /27.34	19734.78	91.02	4.002	1.51	37.3

Region	Total No.		round Water Level (in Mtr)	Decline in Precipitation		
	of Blocks	0-1 Mtr.	More than 01 Mtr.	0-20 %	More than 20 %	
Konkan	47	17	00	18	04	
Nasik	54	12	25	14	32	
Pune	57	17	27	27	14	
Aurangabad	76	14	44	21	49	
Amrawati	56	04	12	15	08	
Nagpur	63	06	00	18	03	
Total	353	70	108	113	111	

