

Water Challenged Sites for Research Based Solutions

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
1	Andaman and Nicobar	Low per capita availability	Distt: Nicobar, Vill: Pilpillow
	Andaman and Nicobar	Any Others (Please specify): No Ground water and perennial source	Distt: Nicobar, Vill: Chowra
2	Andhra Pradesh	Any Others (Please specify) Strontium, Silica	Distt: Prakasam, Mandal: PC Pally, Vill: Divakarapuram
	Andhra Pradesh	Any Others (Please specify) Strontium, Silica	Distt: Nellore, Mandal: Podalakur, Vill: Uchapally
3	Arunachal Pradesh	Low per capita availability	Distt: Pampumpare, Itanagar, Town, Chimpu
4	Assam	Contamination through fluoride	Distt: Karbi Anglong, Diphu
	Assam	Contamination through iron	Distt: Kamrup (Rural), Hazo
	Assam	Geological contamination through arsenic	Distt: Dhubri, Dhubri
5	Bihar	Geological contamination through arsenic	Districts of Buxar, Patna, Kishanganj, Araria, Supaul, Vaishali, potential areas involve all new alluvial tracts in Ganga Plains.

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Bihar	Contamination through fluoride	Plateau-Plain transitional terrain including Nawada, Gaya, Jamui, Bhagalpur, Banka, Munger, Aurangabad, Jehanabad
	Bihar	Biological contamination	All Urban and Suburban areas, particularly Patna, Bhagalpur, Gaya, Muzaffarpur, Darbhanga.
	Bihar	Contamination of water on account of pesticide and other use-derived residues	Bhagalpur, Bhojpur, Nalanda, Buxar, Mokama and Patna Districts
6	Chhattisgarh	Alkaline earth metal salt salinity and hardness	Dist: Durg, Bemetara and Saja blocks
	Chhattisgarh	Contamination through fluoride	Dist: Raigarh, 2 Village of Tamnar block
	Chhattisgarh	Geological contamination through arsenic	Dist: Rajnandgaon, 11 Villages of Chowki block
7	Daman & Diu	Low per capita availability	Diu District
	Daman & Diu	Sea water intrusion in coastal areas	Coastal areas of Daman and Diu
8	Gujarat	Alkaline earth metal salt salinity and hardness	Distt: Junagadh, Takula: Mangrol, Vill: Thali, Sandha, Samarada, Osa, Fulrana, Bhathrot, Hunterpur, Bagasara, Ghodadar, Sarma, Miti, Amipur Jodhavav
	Gujarat	Contamination through fluoride	Distt: Patan, Taluka: Sidhpur, Vill: Sujarpura, Sidhpur Town,

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Gujarat	Contamination through fluoride	Distt: Mehsana, Taluka: Unjha, Vill: Kamlai,
	Gujarat	Storage capacity for seasonally available water	Distt: Dang, Vill: Ahwa, Bhisiya, Piplimal, Kotba, Dhavalidod
	Gujarat	Surface run-off on account of nature of geological terrain	Distt: Sabar Kantha, Taluka: Khedbrahma, Vill: Bharamia, Panthal
	Gujarat	Surface run-off on account of nature of geological terrain	Distt: Sabar Kantha, Taluka: Vijayanagar, Vill: Limbda
9	Haryana	Quality deficit of available water for specified uses	Hisar (PHE Division Hansi: Vill: Bass)
	Haryana	Quality deficit of available water for specified uses	Mewat (PHE Division No. 1, Nuh : Vill: Nagina)
	Haryana	Surface run-off on account of nature of geological terrain	Panchkula (PHE Division Panchkula at Chandigarh, Vill: Morni (Hamlets))
10	Himachal Pradesh	Low per capita availability	Distt: Rict Mandi, Tehsil: Sundernagr, All villages
	Himachal Pradesh	Low per capita availability	Distt: Sirmour, Along the periphery of Nahan
	Himachal Pradesh	Mismatched rates withdrawal and recharging capacity	Distt: Hamirpur, Tehsil: Nadaun and Barsar, Vill: 197 Villages
11	Jammu and Kashmir	Contamination through iron	Distt: Baramulla Vill: Renji

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Jammu and Kashmir	Mismatched rates withdrawal and recharging capacity	Distt: Kulgram Vill: Chowgam Gundipora
	Jammu and Kashmir	Quality deficit of available water for specified uses	Distt: Bandipora, Vill: Gundi Jehangeer
	Jammu and Kashmir	Contamination through iron	Distt: Kathua, Vill: Nagriparole
	Jammu and Kashmir	Contamination through iron	Distt: Rajouri, Vill: Saj Planger
	Jammu and Kashmir	Contamination through fluoride	Distt: Doda, Vill: Ghat
	Jammu and Kashmir	Alkali metal ion salinity	Distt: Udhampur, Vill: Samole
12	Jharkhand	Low per capita availability	1448 Habitaitons in 10 Districts
	Jharkhand	Quality deficit of available water for specified uses	Palamu Distt.- Sudna (10,000), Purabdiha (4200), Singra (3100), Awsane (3573), Buribhir (3687), Sahebganj Distt.- Dihari (2894), Hazipur (2829), Barikoderjana (2500), Talabhaji (2730), Simalhab(2522), Latehar Distt: Maltong (3060)
	Jharkhand	Geological contamination through arsenic	Sahebganj Distt:- Hazipur (2829), Barikoderjana (2500), Talabhaji, Dihari (2894), East Narayanpur (5262), Laxhipur (5967), Middle Narayanpur (5484), West Narayanpur (5415), Dahotola (5780), West Udhwa (5214), West Udhwa Diyara (4500), Amanat Diyara (5216), Makhmalpur Ansh (4500) Chhoti Kodejana (5295), Shobhanpur Bhatta (5333) Harprasad (4125)

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Jharkhand	Contamination through fluoride	Garhwa Distt:- Pratap Pur (5820), Palamu Distt.- Sudna (10,000), Purabdiha (4200), Singra (3100), Awsane (3573), Buribhir (3687), Latehar Distt: Maltong (3060)
	Jharkhand	Contamination through iron	West Singhbhum and Jamtara Distt.
13	Karnataka	Contamination through multiple species	Distt: Tumkur, Madhugiri, Kodigenahalli
	Karnataka	Contamination through multiple species	Distt: Chitradurga, Challakera, Dodderi
	Karnataka	Contamination through multiple species	Distt: Gadag, Ron, Yavagala
14	Kerala	Alkaline earth metal salt salinity and hardness	Distt: Trivandrum, Vizhinjam panchayat
	Kerala	Alkaline earth metal salt salinity and hardness	Distt: Kannur, Madai panchayat
	Kerala	Contamination through multiple species	Distt: Kozhikode, Nallamlam Cheruvannoor panchayat
	Kerala	Low per capita availability	Distt: Palakkad, Muthalamada Panchayat
	Kerala	Low per capita availability	Distt: Thrissur, Eriyad Panchayat
	Kerala	Low per capita availability	Distt: Kottayam, Tehsil: Kottayam, Vill: Kumarakom
	Kerala	Low per capita availability	Distt: Kottayam, Tehsil: Vaikom, Vill: Thalayazham

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
15	Lakshadweep	Biological contamination	All islands of Lakshadweep
	Lakshadweep	Sea water intrusion in coastal areas	All islands of Lakshadweep
16	Madhya Pradesh	Alkaline earth metal salt salinity and hardness	Distt: Bhind Block: Gohad, Vill:
	Madhya Pradesh	Any Others (Please Specify): Nitrate	Distt: Harda, Tehsil: Khirkiya, Vill: Sirali, Deep Gaon Kala, Babadiya, Aamasail
	Madhya Pradesh	Contamination through iron	Distt: Chhindwara Block: Harrai, Vill: Morkha
	Madhya Pradesh	Contamination through multiple species	Sehore block, Sehore Uljhavan,
	Madhya Pradesh	Low per capita availability	Dist: Sidhi block Rampur Nakin Hanumangarh
	Madhya Pradesh	Low per capita availability	Distt: Mandsaur and Neemuch
17	Maharashtra	Contamination through fluoride	Distt: Beed, Vill: Gevrai (16 villages)
18	Manipur	Contamination through multiple species	New Lamka
	Manipur	Contamination through multiple species	Sanjenbam
19	Meghalaya	Contamination through multiple species	Khliehriat (Jaintia Hills)
	Meghalaya	Contamination through multiple species	Nangalbibra (East Garo Hills)

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Meghalaya	Low per capita availability	Langkyrdem(East Khasi Hills)
20	Mizoram	Low per capita availability	Distt: Mamit, West Phaileng
	Mizoram	Low per capita availability	Distt: Champhai, Khawhai
	Mizoram	Low per capita availability	Distt: Serchhip, North Vanlaiphai
	Mizoram	Low per capita availability	Distt: Lawngtlai, Sangau
	Mizoram	Low per capita availability	Distt: Champhai, Biate
21	Nagaland	Alkaline earth metal salt salinity and hardness	Chizamai Village
	Nagaland	Contamination through iron	Dimapur Area
	Nagaland	Contamination through multiple species	District Kohima, Thizama
	Nagaland	Low per capita availability	Kohima town
	Nagaland	Low per capita availability	Chiephobozou Range
22	Puducherry	Contamination through iron	Sendhanatham, Koodapakkam, Koodapakkampet, Agaram, Olavaikal, Chettipet, Ariankuppam
	Puducherry	Alkaline earth metal salt salinity and hardness	Thirukanchi, Rainbow Nagar, Ramakrishna Nagar

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Puducherry	Sea water intrusion in coastal areas	Approximately 1 km in North and 6 Km in South from the coast line.
23	Punjab	Low per capita availability	Distt: Gurdaspur, Vill: Sarti, Bangla & Pangota etc.
24	Rajasthan	Alkaline earth metal salt salinity and hardness	Pali, P.S. Pali (Vill: Denda, Bala, Padarla, Kurna, Girwar, Juna- Endla -II, Gudai, Dayalpura, Poopawas, Madri, Girdara- Khalsa
	Rajasthan	Alkaline earth metal salt salinity and hardness	Bharatpur P.S. Nadbai (Vill: Medha Choli, Manjhi, Kheriya Joga, Hernera, Sirsai, Basai Jat, Gangroli, Samantpura, Raisees, Mehraipura,
25	Sikkim	Low per capita availability	Distt: South, Namchi, Assangthang
	Sikkim	Low per capita availability	Distt: South, Namchi, Sadam
	Sikkim	Low per capita availability	Distt: West, Soreng, Samsing Gelling
	Sikkim	Low per capita availability	Distt: West, Soreng, Chakhung
	Sikkim	Low per capita availability	Distt: West, Soreng, Mabong Segeng
	Sikkim	Low per capita availability	Distt: West Soreng, Chakhung
26	Tamil Nadu	Low per capita availability	Distt: Kancheepuram, Town: Guduvancheri
	Tamil Nadu	Low per capita availability	Distt: Kancheepuram, Town: Sriperumbudur
	Tamil Nadu	Low per capita availability	Distt: Vellore, Town: Allapuram

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Tamil Nadu	Low per capita availability	Distt: Villupuram, Town: Gingee
	Tamil Nadu	Sea water intrusion in coastal areas	Distt: Tiruvellur, Town: Minjur
27	Tripura	Low per capita availability	Distt: South Tripura, Block: Hrishyamukh, Vill: North Haripara, Mallik and Barhakur para, Golachipa, Dobhashi para, Maniram Pur, Batua Bari, Das Para
	Tripura	Low per capita availability	Distt: Dhalai, Block: Chamanu, Vill: Getu Kr. Para, Wakhiram Roaja Para, Biswaram R/P, Rajmani R/P
	Tripura	Low per capita availability	Distt: West Tripura, Block: Melaghar, Vill: Banahari/ Munsimura para, S C Coloney, Dakshin Taibandal, Dasarath Bari, Madhya Para
	Tripura	Low per capita availability	Distt: South Tripura, Block: Killa, Vill: Nizila Bari, Darjeeling, Kowaimura, Agachaimurua
28	Uttar Pradesh	Alkaline earth metal salt salinity and hardness	Distt: Agra, Block: Bichpuri
	Uttar Pradesh	Contamination of water on account of pesticide and other use-derived residues	Distt: Meerut, Block: Daurala,
	Uttar Pradesh	Geological contamination through arsenic	Distt: Ballia, Block: Belhari,
	Uttar Pradesh	Contamination through multiple species	Distt: Etah, Block: Sheetalpur

S. No	States	Water Challenges Identified by the State	Location Identified by the State (District, Block, Village)
	Uttar Pradesh	Mismatched rates withdrawal and recharging capacity	Distt: Lucknow, Block: Mal
29	Uttarakhand	Low per capita availability	Pauri Garhwal (Town: Srinagar)
	Uttarakhand	Low per capita availability	Uttarkashi (Town: Uttarkashi)
	Uttarakhand	Low per capita availability	Chamoli (Town: Gauchar)
	Uttarakhand	Low per capita availability	Chamoli (Town: Joshimathi)
30	West Bengal	Contamination of water on account of pesticide and other use-derived residues	Distt: North 24 Parganas
	West Bengal	Contamination through fluoride	Distt: Purulia-II
	West Bengal	Reject management from water related technologies	Distt: North 24 Parganas, Habra, Ashoknagar