

Supplement

# Bioaccumulation of fluoride in plants and its microbially-assisted remediation: A review of biological processes and technological performance

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Table S1: Summary of studies reported high fluoride concentrations in Indian soil-water systems.

State	District	State/Locality	Concentration Range (ppm)	References
Andhra Pradesh	Anantapur	South-Western Part	0.56-5.80	[29]
	Guntur	Whole District	0.3-2.3	[30]
	Prakasham	Whole district	0.5-9	[31]
	Visakhapatnam	River Varaha Basin	1.15-1.28	[32]
	Anantapur	Talupula	0.78-6.10	[33]
Assam	Guwahati	Whole District	0.18-6.88	[34]
	Karbi Anglong, North Cachar Hills, Nagaon, Morigaon, and Golaghat		High Concentration	[35]
Bihar	Rohtas	Whole District	0.1-2.5	[36]
Chhattisgarh	Raigarh	Tamnar area	0.6-8.8	[37]
Delhi	Delhi	Bhalswa landfill	2.01-9.45	[38]
Gujarat	Mehsana district	Kadi tehsil	0.9-2.08	[39]
	District of North Gujarat	Cambay region	>5	[9]
	Mehsana	Whole district	0.14-5.6	[40]
	Rohtak	Whole district	0.4-4.8	[41]
Haryana	Jhajjar	262 villages	1.5-4	[42]
	Hisar	Hisar city	0.03-16.6	[43]
	Rohtak	Few Villages	0.03-2.09	[44]
	Karnataka	Tumkur	Tumkur Taluk	0.02-3.2

	Kolar and Tumkur	Bagepalli, Gudiabanda, and Pavagada	0.36-3.34 (Kolar) 0.78-5.35 (Tumkur)	[46]
Kerala	Palakkad	Whole District	0.2-5.75	[47]
	Alappuzha	Whole District	0.6-2.88	[17]
Madhya Pradesh	Chattarpur	Whole district	Average: 61.4	[48]
Maharashtra	Yavatmal district	Pandharkawada	0.3-13.41	[49]
Orissa	Nuapada	Boden Block	0-6.4	[50]
	Nayagarh, Orissa	Singhpur and Sagaragan	>1.5	[51]
Panjab	Muktsar	Whole district	0.02-1.61	[52]
Rajasthan	Jaisalmer	Jaisalmer and Pokhran Block	0.1-6.6	[53]
	Nagaur	Nagaur Tehsil	0.4-6.6	[54]
	Jaipur	Dudu, Phagi, and Sambhar	0.9-9.3 (Shallow) 0.4-2.4 (Deep)	[55]
	Hanumangarh	Whole District	1.01-4.78	[56]
	Nagaur	Nawa Tehsil	0.3-5.91	[57]
	Jaisalmer	Pokhran	0.7-1.7	[58]
	Ajmer	Whole District	0.16-16.9	[59]
Tamil Nadu	Coimbatore	Coimbatore city	0-2	[60]
	Salem	Whole district	0.1-4.0	[61]
	Thoothukudi	Thoothukudi city	0-3.3	[62]
	Dindigul	Whole District	0.02-3.3	[63,64]
	Salem	Whole district	0.04-7	[65]
	Kacheepuram	Palar River Basin	1-3.24	[66]
	Erode	Whole District	0.5-8.5	[67]
Telangana	Siddipet	Siddipet	0.4-2.2	[68]
	Nalgonda	Wailpalli watershed	0.9-5.83	[69]
	Nalgonda	Whole District	0.1-8.8	[70]
	Medak	Whole district	0.2-7.4	[71]
	Hyderabad	Municipal Corpo.	0.3-3.12	[72]
	Reddy	Musi River Basin	0.4-4.8	[73]
Uttar Pradesh	Agra	Whole District	0.1-14.8	[74]
	Kanpur	Whole District	0.2-5.34	[75]
	Sonbhadra	Neruiyadamar and 16 more location	0.4-6.7	[76,77]
West Bangal	Birbhum	Nalhati-1	0.006-1.95	[78]
	Hooghly	Whole District	0.01-1.18 $\mu\text{g mL}^{-1}$	[79]
	Birbhum	Rampurhat-I	0.3-13.61	[80]