

1. Chapters in Books

Author/Authors	Title of Chapter	Book Title	Year of Publication	Publisher
Sikdar, P. K	Problems and Challenges for Groundwater Management in South Asia. Chapter 1, p. 1-19.	Groundwater Development and Management: Issues and Challenges in South Asia.	2018	Springer, Switzerland & Capital Publishing Company, India.
Sikdar, P. K	Numerical Groundwater Modelling, Chapter 7, p. 189-205.	Groundwater Development and Management: Issues and Challenges in South Asia.	2018	Springer, Switzerland & Capital Publishing Company, India.
Sikdar, P. K	Pumping Test for Aquifers: Analysis and Evaluation, Chapter 11, p. 265-275	Groundwater Development and Management: Issues and Challenges in South Asia.	2018	Springer, Switzerland & Capital Publishing Company, India.
Sikdar, P. K., Dutta, S., Das, S. Chakraborty, S and Ghosal, G	Hydrogeological Assessment for Development and Management of Baseflow for Public Water Supply in Semi-arid and Fluoride Affected Hard Rock Areas. Chapter 19, p. 437-464.	Groundwater Development and Management: Issues and Challenges in South Asia.	2018	Springer, Switzerland & Capital Publishing Company, India.
	Arsenic Pollution of Groundwater in Ganga-Meghna-Brahmaputra Plain. p. 20-31.	In Compendium of Awardees of Smt. Savitri Chadha Memorial INC-IAH Award	2018	Indian Chapter of International Association of Hydrogeologist (INC of IAH), Faridabad,
	Groundwater Resources, in Status of	Third Citizens' Report	2018	Ed. A. K. Ghosh. ENDEV – A

	Environment in West Bengal: Chapter 5, p. 46-73.			Society for Environment and Development, Kolkata,
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2. Books Edited

Sikdar, P. K., 2018, Groundwater Development and Management: Issues and Challenges in South Asia, Springer, Switzerland, 539 p.

3. Articles in Journals

Author/Authors	Year of Publication	Title of Chapter	Name of Journal	Page No. & Publisher
Sikdar, P. K. , Ghosal, U. and Chakraborty, S.	2018	Groundwater modeling to understand the impact of pumping in the deep late Pleistocene aquifers of the western Bengal Basin on arsenic migration	Arabian Journal of Geosciences	vol. 11:795. (DOI: 10.1007/s12517-018-4101-6). Impact factor – 1.141
McArthur, J.M., Sikdar, P. K. , Leng, M. J., Ghosal, U. and I. Sen	2018	Groundwater Quality beneath an Asian Megacity on a Delta: Kolkata's (Calcutta's) Disappearing Arsenic and Present Manganese	Environmental Science and Technology	vol. 50(9), p. 5161-5172. DOI: 10.1021/acs.est.7b04996. Impact Factor 7.149
Sikdar, P. K. , Dey, Sudeshna, S. P. Ghosal, U. and Chakrabarti, S	2019	Development and management of base flow of a sand-dominated alluvial aquifer of a large ephemeral river for drinking water supply in semi-arid and fluoride affected areas: the example of the River Mayurakshi, Birbhum District, West Bengal, India	Journal of the Geological Society of India	Vol. 94(3), 249–259. DOI: 10.1007/s12594-019-1304-8. Impact Factor 0.994
Basu Dhar, R., Chakraborty, S, Chattopadhyay, R, Sikdar, P. K	2019	Impact of Land-Use/Land-Cover Change on Land Surface Temperature Using Satellite Data: A Case	Journal of the Indian Society of Remote	Vol. 47(2), 331-348. DOI /10.1007/s12

		Study of Rajarhat Block, North 3 24-Parganas District, West Bengal	Sensing (Springer)	524-019- 00939-1. Impact Factor 0.869
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