

## PROFORMA FOR BIO-DATA

1. Name and full correspondence address: Bhaskar Deb Bhattacharya  
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Mobile: 9830688579
3. Institution: Estuarine and Coastal Studies Foundation
4. Date of Birth: 08.05.1980
5. Gender (M/F/T): Male
6. Category Gen/~~SC~~/~~ST~~/~~OBC~~ General
7. Whether differently abled (Yes/~~No~~): No

### 8. Academic Qualification (Undergraduate Onwards):

	Degree	Year	Subject	University/Institution	% of marks
	B. Sc.	2003	Zoology	Calcutta University	59%
	M. Sc.	2005	Marine Science	Calcutta University	64%
	Ph. D.	2010	Marine Science	Calcutta University	Awarded

### 9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award

Thesis title: **“Spatial and temporal distribution of mesozooplankton in the mangrove waters of coastal Sundarban, northeastern part of the Bay of Bengal”**

Supervisor's name: **Prof. Santosh Kumar Sarkar**

University: **Calcutta University**

Year of award: **2010**

### 10. Work experience (in chronological order)

S. No.	Positions held	Name of the Institution	From	To	Pay Scale
1.	Scientist C	Estuarine and Coastal Studies Foundation	1 December, 2021	Till date	67,700/-

### 11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S. No.	Name of Award	Awarding agency	Year
1.	Research Associateship	Council of Scientific and Industrial Research, New Delhi	2011
2.	Senior Research Fellowship	Council of Scientific and Industrial Research, New Delhi	2009

12. Publications (*List of papers published in SCI Journals, in year wise descending order*).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Paul, S., Karan, S., & Bhattacharya, B. D	Effects of cyclone Fani on the copepod community of the Ganges River estuary of India	<i>Environmental Monitoring and Assessment</i>	192(12)	1-16	2020
2	Paul, S., Karan, S., & Bhattacharya, B. D	Daily variability of copepods after successive tropical cyclones in the Ganges River estuary of India	<i>Estuarine, Coastal and Shelf Science</i>	246		2020
3.	Paul, S., Karan, S., Ghosh, S., & Bhattacharya, B. D	Hourly variation of environment and copepod community of the Ganges River Estuary of India: Perspectives on sampling estuarine zooplankton	<i>Estuarine, Coastal and Shelf Science</i>	230		2019
4.	Soumita Mitra, Swayambhu Ghosh, Kamala Kanta Satpathy, <b>Bhaskar Deb Bhattacharya</b> , Santosh Kumar Sarkar,	Water quality assessment of the ecologically stressed Hooghly River Estuary, India: A multivariate approach.	<i>Marine Pollution Bulletin</i>			2017

	Pravakar Mishra, P. Raja					
5.	Li-Chun Tseng, Shih-Hui Hsiao, Santosh Kumar Sarkar , <b>Bhaskar Deb Bhattacharya</b> , Qing-Chao Chen, Jiang-Shiou Hwang	Influence of Kuroshio water on the annual copepod community structure in an estuary in the northwest Pacific Ocean	<i>Continental Shelf Research</i>	118	165–176	2016
6.	Antizar-Ladislao, B., <b>Bhattacharya, B.D.</b> , Ray Chaudhuri, S., Sarkar. S.K.	Impact of silver nanoparticles on benthic prokaryotes in heavy metal-contaminated estuarine sediments in a tropical environment.	<i>Marine Pollution Bulletin</i>			2015
7.	Dibyendu Rakshit, Santosh kumar Sarkar, <b>Bhaskar Deb Bhattacharya</b> , M. P. Jonathan Jayanta Kumar Biswas, Priyanka Mondal, Soumita Mitra.	Human-induced ecological changes in western part of Indian Sundarban: A threat to ecosystem stability	<i>Marine Pollution Bulletin</i>			2015
8.	<b>Bhattacharya BD</b> , Hwang JS, Sarkar SK, Rakshit D, Tseng LC	Community structure of mesozooplankton in coastal waters of	<i>Journal of Marine Systems</i>	141	112-121	2015

		Sundarban Mangrove Wetland, India: A multivariate approach				
9.	<b>Bhaskar Deb Bhattacharya</b> , Asokkumar Bhattacharya, Dibyendu Rakshit and Santosh Kumar Sarkar	Impact of the tropical cyclonic storm 'Aila' on the water quality characteristics and mesozooplankton community structure of Sundarban mangrove wetland, India	<i>Indian Journal of Geo-Marine Sciences</i>	43(2)	216 – 223	2014
10.	<b>Bhaskar Deb Bhattacharya</b> , Dulal Chandra Nayak, Santosh Kumar Sarkar, Sejuti Naha Biswas.	Distribution of dissolved trace metals in coastal regions of Indian Sundarban mangrove wetland: A multivariate approach	<i>Journal of Cleaner Production</i>			2014
11.	Dibyendu Rakshit, Sejuti Naha Biswas, Santosh Kumar Sarkar, <b>Bhaskar Deb Bhattacharya</b> , Nallamuthu Godhantaraman, Kamala Kanta Satpathy	Seasonal variations in species composition, abundance, biomass and production rate of tintinnids (Ciliata: Protozoa) along the Hooghly (Ganges) River Estuary, India: a multivariate	<i>Environmental Monitoring and Assessment</i>	186(3)	3063–3078	2014

		approach				
12.	Sean R. Connolly, M. Aaron MacNeil, M. Julian Caley, Nancy Knowlton, Ed Cripps, Mizue Hisano, Loïc M. Thibaut, <b>Bhaskar Deb Bhattacharya</b> , Lisandro Benedetti-Cecchi, Russell E. Brainard, Angelika Brandt, Fabio Bulleri, Kari E. Ellingsen, Stefanie Kaiser, Ingrid Kröncke, Katrin Linse, Elena Maggi, Timothy D. O'Haram, Laetitia Plaisance, Gary C. B. Poore, Santosh K. Sarkar, Kamala K. Satpathy, Ulrike Schüeckel, Alan Williams, and Robin	Commonness and rarity in the marine biosphere	<i>PNAS</i>	111(23)	8524 – 8529	2014

	S. Wilson					
13.	<b>Bhaskar Deb Bhattacharya</b> , Jiang-Shiou Hwang, Li-Chun Tseng, Santosh Kumar Sarkar, Dibyendu Rakshit and Soumita Mitra	Bioaccumulation of trace elements in dominant mesozooplankton group inhabiting in the coastal regions of Indian Sundarban mangrove wetland.	<i>Marine Pollution Bulletin</i>	87	345 – 351	2014
14.	M. J. Watts, T. S. Barlow, M. Button, S. K. Sarkar, <b>B. D. Bhattacharya</b> , Md. A. Alam, A. Gomes	Arsenic speciation in polychaetes (Annelida) and sediments from the intertidal mudflat of Sundarban mangrove wetland, India	<i>Environmental Geochemistry and Health</i>	35	13 – 25	2013
15.	Daniele Fattorini, Santosh Kumar Sarkar, Francesco Regoli, <b>Bhaskar Deb Bhattacharya</b> , Dibyendu Rakshit, Kamala Kanta Satpathy, Mousumi Chatterjee	Levels and chemical speciation of arsenic in representative biota and sediments of a tropical mangrove wetland, India	<i>Environmental Science Processes &amp; Impacts</i>	15	773–782	2013

13. Detail of patents. NA

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status

14. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1.	Distribution, source and status of heavy metals and organochlorine pesticides in sediments of Sundarban mangrove wetland, India	Sarkar S.K., Maggi C, Chatterjee M, Bianchi J, Bhattacharya A, Manfra L, <b>Bhattacharya B. D.</b> and Satpathy K.K.	Nova Science Publishers, USA	2007
2.	Geochemistry of Major and Trace Elements in Core Sediments of Sundarban Delta, India: An Assessment of Metal Pollution Using Atomic Absorption Spectrometer and Inductively Coupled Plasma Mass Spectrometry	Bhattacharya A, Canario J, Sarkar S.K, Chatterjee M, and <b>Bhattacharya B.D</b>	Nova Science Publishers, USA	2009
3.	Water quality Analysis of the Coastal Regions of Sundarban Mangrove Wetland, using multivariate statistical techniques	Sarkar S.K, <b>Bhattacharya B.D.</b>	SCIYO, Croatia	2010

15. Any other Information (maximum 500 words):

Research involved marine species data collection, analogy of species and records maintenance. Estuarine and marine zooplankton community structure monitoring, biodiversity assessment. Estuarine (both biotic and abiotic) pollution assessment and their ecotoxicological significance. Impact of climate-induced changes (severe cyclones, flooding etc.,) on zooplankton and water quality characteristics in marine environment.