

**Research Publications**

Peer-reviewed National/ International Journal	:	<b>46</b>
Book	:	<b>01</b>
Book Chapter	:	<b>03</b>
Full-length Seminar / Workshop Proceeding	:	<b>02</b>

<b>Total</b> <b>52</b>	<b>SCI-IF</b> <b>73.84</b>
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**Peer-Reviewed National/ International Journals (46 Nos.)**

1. **Srichandan, S.**, Baliarsingh, S.K., Lotliker, A.A., Sahu, B.K., Roy, R. & Balakrishnan Nair, T.M. (2021). Unravelling tidal effect on zooplankton community structure in a tropical estuary. *Environmental Monitoring and Assessment*, 193:362
2. **Srichandan, S.**, Tarafdar, L., Muduli, P.R., & Rastogi, G. (2021). Spatiotemporal patterns and impact of a cyclone on the zooplankton community structure in a brackish coastal lagoon. *Regional Studies in Marine Science*, 44: 101743
3. Tarafdar, L., Kim, J.Y., **Srichandan, S.**, Mohapatra, M., Muduli, P.R., Kumar, A., Mishra, D.R., & Rastogi, G. (2021). Responses of phytoplankton community structure and association to variability in environmental drivers in a tropical coastal lagoon. *Science of the Total Environment*, 783: 146873
4. Baliarsingh, S.K., Lotliker, A.A., **Srichandan, S.**, Basu, A., Nair, T.M.B., & Tripathy, S.K. (2021). Effect of tidal cycle on *Escherichia coli* variability in a tropical estuary. *Bulletin of Environmental Contamination and Toxicology*, 106, 622-628
5. Acharyya, T., Sudatta, B.P., **Srichandan, S.**, Baliarsingh, S.K., Lotliker, A.A., Raulo, S., Singh, S., & Samanta, A. (2021). Deciphering long-term seasonal and tidal water quality trends in the Mahanadi estuary. *Journal of Coastal Conservation*. 25(56): 1-16
6. Baliarsingh, S.K., Lotliker, A.A., **Srichandan, S.**, Roy, R., Sahu, B.K., Samanta, A., Balakrishnan Nair, T.M., Acharyya, T., Parida, C., Singh, S., & Jena, A.K. (2021). Evaluation of hydro-biological parameters in response to semi-diurnal tides in a tropical estuary. *Ecohydrology & Hydrobiology*. *In Press*
7. Baliarsingh, S.K., Lotliker, A.A., **Srichandan, S.**, Parida, C., Roy, R., Naik, R.C., Nair, T.M.B., & Barik, K.K. (2021). Response of coastal phytoplankton pigment composition to tropical cyclone Fani. *Marine Pollution Bulletin*, 173(Part A): 113038
8. **Srichandan, S.**, Baliarsingh, S.K., Lotliker, A.A., Prakash, S., Samanta, A., & Sahu, K.C. (2020). A baseline investigation of phytoplankton pigment composition in contrasting coastal ecosystems of north-western Bay of Bengal. *Marine Pollution Bulletin*, 160: 111708
9. Baliarsingh, S.K., Lotliker, A.A., **Srichandan, S.**, Samanta, A., Kumar, N., & Balakrishnan Nair, T.M. (2020). A review of jellyfish aggregations, focusing on India's coastal waters. *Ecological Processes*, 9: 58
10. Barik, K.K., Baliarsingh, S.K., Jena, A.K., **Srichandan, S.**, Samanta, A., & Lotliker, A.A. (2020). Satellite retrieved spatio-temporal variability of phytoplankton size classes in the Arabian Sea. *Journal of the Indian Society of Remote Sensing*, 48: 1413-1419
11. Sahu, B.K., Baliarsingh, S.K., Samanta, A., **Srichandan, S.**, & Singh, S. (2020). Mass beach stranding of blue button jellies (*Porpita porpita*, Linnaeus, 1758) along Odisha coast during summer season. *Indian Journal of Geo-Marine Sciences*, 49(06): 1093-1096

12. **Srichandan, S.**, Baliarsingh, S.K., Prakash, S., Lotliker, A.A., Parida, C., & Sahu, K.C. (2019). Seasonal dynamics of phytoplankton in response to environmental variables in contrasting coastal ecosystems. *Environmental Science and Pollution Research*, 26: 12025-12041
13. **Srichandan, S.**, Prakash, S., Baliarsingh, S.K., Lotliker, A.A., & Sahu, K.C. (2019). A review on variability of partial pressure of carbon dioxide in coastal waters of India. *International Journal of Energy and Water Resources*, 3: 351-360
14. Parida, C., Baliarsingh, S.K., Lotliker, A.A., Dash, M., **Srichandan, S.** & Sahu, K.C. (2019). Seasonal variation in optically active substances at a coastal site along western Bay of Bengal. *SN Applied Sciences*, 1:1210
15. **Srichandan, S.**, Baliarsingh, S.K., Prakash, S., Panigrahy, R.C. & Sahu, K.C. (2018). Zooplankton Research in Indian Seas: A Review. *Journal of Ocean University of China*, 17(5): 1149-1158
16. Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A.A., Srinivasa Kumar, T., & Sahu, K.C. (2018) Zooplankton distribution in coastal water off Gopalpur, north-western Bay of Bengal. *Journal of Ocean University of China*, 17(4): 879-889
17. Baliarsingh, S.K., Dwivedi, R., Lotliker, A.A., Jayashankar, R., Sahu, B.K., **Srichandan, S.**, Samanta, A., Parida, C., Srinivasa Kumar, T., & Sahu, K.C. (2018). An Ephemeral Dinoflagellate Bloom during Summer Season in Nearshore Water of Puri, East Coast of India. *Ocean Science Journal*, 53(1): 143-147
18. Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A.A., Gracia-Escobar, M.F., Tripathy, M., Sahu, K.C. & Srinivasa Kumar, T. (2017). Temporal variation of phytoplankton assemblage in estuarine waters: implication of cyclone Phailin. *Current Science*, 113(5): 858-860
19. Sahu, B.K., Baliarsingh, S.K., Lotliker, A.A., Parida, C., **Srichandan, S.**, & Sahu, K.C. (2017). Winter thermal inversion and *Trichodesmium* dominance in north-western Bay of Bengal. *Ocean Science Journal*, 52(2): 301-306
20. **Srichandan, S.**, Panigrahy, R.C., Baliarsingh, S.K., Srinivasa Rao, B., Pati, P., Sahu, B.K., & Sahu, K.C. (2016). Distribution of trace metals in surface seawater and zooplankton of the Bay of Bengal, off Rushikulya estuary, East Coast of India. *Marine Pollution Bulletin*, 111(1-2): 468-475
21. Sahu, B.K., **Srichandan, S.**, & Panigrahy, R.C. (2016). A preliminary study on the microzooplankton of Chilika Lake, a brackish water lagoon on the east coast of India. *Environmental Monitoring and Assessment*, 188: 69
22. Baliarsingh, S.K., **Srichandan, S.**, Pati, S.K, Sahu, K.C., Dash, S.K., Lotliker, A.A., & Srinivasa Kumar, T. (2016). Phytoplankton community structure along offshore transects of some Indian estuaries of east coast: An experience with a summer cruise. *Indian Journal of Geo-Marine Sciences*, 45(8): 960-973
23. Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A.A., Sahu, K.C., & Srinivasa Kumar, T. (2016). Phytoplankton community structure in local water types at a coastal site in north-western Bay of Bengal. *Environmental Monitoring and Assessment*, 188: 427
24. Baliarsingh, S.K., Lotliker, A.A., Trainer, V.L., Wells, M.L., Parida, C., Sahu, B.K., **Srichandan, S.**, Sahoo, S., Sahu, K.C., & Srinivasa Kumar, T. (2016). Environmental dynamics of red *Noctiluca scintillans* bloom in tropical coastal waters. *Marine Pollution Bulletin*, 111(1-2): 277-286

25. **Srichandan, S.**, Kim, J.Y., Bhadury, P., Barik, S.K., Muduli, P.R., Samal, R.N., Pattnaik, A.K., & Rastogi, G. (2015). Spatiotemporal distribution and composition of phytoplankton assemblages in a coastal tropical lagoon: Chilika, India. *Environmental Monitoring and Assessment*, 187: 47
26. **Srichandan, S.**, Kim, J.Y., Kumar, A., Mishra, D.R., Bhadury, P., Muduli, P.R., Pattnaik, A.K., & Rastogi, G. (2015). Interannual and cyclone-driven variability in phytoplankton communities of a tropical coastal lagoon. *Marine Pollution Bulletin*, 101(1): 39-52
27. **Srichandan, S.**, Sahu, B.K., Panda, R., Baliarsingh, S.K., Sahu, K.C., & Panigrahy, R.C. (2015). Zooplankton distribution in coastal water of the North-Western Bay of Bengal, off Rushikulya estuary, east coast of India. *Indian Journal of Geo-Marine Sciences*, 44(4): 546-561
28. Baliarsingh, S.K., **Srichandan, S.**, Sahu, K.C., Lotliker, A.A., & Srinivasa Kumar, T. (2015). First record of fourteen phytoplankton species off Rushikulya estuary, Northwestern Bay of Bengal. *Indian Journal of Geo-Marine Sciences*, 44(4): 490-494
29. Baliarsingh, S.K., **Srichandan S.**, Sahu, K.C., & Lotliker, A.A. (2015). Occurrence of a new species of toxic Cnidaria (*Pelagia noctiluca* Forskal, 1775) from estuarine waters of Rushikulya River, Western Bay of Bengal. *Indian Journal of Geo-Marine Sciences*, 44(4): 580-582
30. Baliarsingh, S.K., **Srichandan, S.**, Naik, S., Sahu, K.C., Lotliker, A.A., & Srinivasa Kumar, T. (2015). Seasonal variation of phytoplankton community composition in coastal waters off Rushikulya Estuary, East Coast of India. *Indian Journal of Geo-Marine Sciences*, 44(4): 508-526
31. Baliarsingh, S.K., **Srichandan, S.**, Sahu, K.C., & Lotliker, A.A. (2015). First record of *Desmoscolex falcatus* (Nematoda: Adenophorea: Desmoscolecida: Desmoscolecidae) from Rushikulya estuary, Odisha, India. *Indian Journal of Geo-Marine Sciences*, 44(4):487-489
32. Baliarsingh, S.K., Parida, C., Lotliker, A.A., **Srichandan, S.**, Sahu, K.C., & Srinivasa Kumar, T. (2015). Biological implications of cyclone *Hudhud* in the coastal waters of northwestern Bay of Bengal. *Current Science*, 109(7):1243-1245
33. **Srichandan, S.**, Panda, C.R., & Rout, N.C. (2014). Summer Distribution of Zooplankton in Coastal Waters of Odisha, East Coast of India. *International Journal of Oceanography and Marine Ecological System*, 3(1): 9-25
34. Baliarsingh, S.K., **Srichandan, S.**, Sahu, B.K., Sahu, K.C., Lotliker, A.A., & Srinivasa Kumar, T. (2014). Zooplankton community distribution along offshore transects of some Indian estuaries of east coast: A taxonomic investigation during a summer cruise. *Indian Journal of Geo-Marine Sciences*, 43(9): 1781-1791
35. Rout, J., Ojha, A., **Srichandan, S.**, Tripathy, M., Bhatt, K.S., Samal, R.N., Pattnaik, A.K., & Rajesh, G. (2014). Monitoring aquatic vegetation distribution in Chilika lagoon with G-tech. *Research & Reviews: Journal of Space Science & Technology*, 3(1): 17-23
36. **Srichandan, S.**, Panda, C.R., & Rout, N.C. (2013). Seasonal Distribution of Zooplankton in Mahanadi Estuary (Odisha), East Coast of India: A Taxonomical Approach. *International Journal of Zoological Research*, 9(1):17-31
37. Sahu, B.K., Baliarsingh, S.K., **Srichandan, S.**, & Sahu, K.C. (2013). Seasonal variation of zooplankton abundance and composition in Gopalpur Creek: a tropical tidal backwater, east coast of India. *Journal of the Marine Biological Association of India*, 55(1): 59-64

38. Baliarsingh, S.K., Sahu, B.K., **Srichandan, S.**, Sahu, K.C., Lotliker, A.A., & Srinivasa Kumar, T. (2013). Seasonal variation of phytoplankton community in Gopalpur creek: a tropical tidal backwater ecosystem, east coast of India. *Indian Journal of Geo-Marine Sciences*, 42(5): 622-634
39. Baliarsingh, S.K., **Srichandan, S.**, Naik, S., Sahu, K.C., Lotliker, A.A., & Srinivasa Kumar, T. (2013). Distribution of hydro-biological parameters in coastal waters off Rushikulya estuary, east coast of India: A premonsoon case study. *Pakistan Journal of Biological Sciences*, 16(16):779-787
40. **Srichandan, S.**, Baliarsingh, S.K., Panigrahy, R.C., & Sahu, K. C. (2012). A Case Study on Summer Distribution of Zooplankton in Chilika Lagoon, East Coast of India. *International Journal of Life Sciences and Technology*, 5(5):29-36
41. Paikaray, S., **Srichandan, S.**, Baliarsingh, S.K., Sahu, B.K., & Panigrahy, R.C. (2012). Meiobenthos distribution in estuarine and beach sediments of Rushikulya estuary, east coast of India-a case study. *Asian Journal of Experimental Biological Sciences*, 3(2): 391-396
42. Baliarsingh, S.K., Sahu, B.K., **Srichandan, S.**, & Sahu, K.C. (2012). Seasonal variation of phytoplankton community in navigable channel of Gopalpur Port, east coast of India: a taxonomic study. *International Journal of Modern Botany*, 2(3):40-46
43. Sahu, K.C., Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A., & Srinivasa Kumar, T. (2012). Validation of PFZ advisories - a case study along Ganjam coast of Odisha, east coast of India. *Indian Streams Research Journal*, 1(XII): 1-6
44. Sahu, K.C., Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A.A., & Srinivasa Kumar, T. (2012). Socio-economic conditions of fisher folk vis-à-vis satellite technology in coastal district of Ganjam, Odisha. *Review of Research*, 1(IV): 1-6
45. Sahu, B.K., Baliarsingh, S.K., **Srichandan, S.**, & Sahu, K.C. (2012). Zooplankton abundance and composition in surf zone of Gopalpur Port, east coast of India- a case study. *Marine Science*, 2(6):120-124
46. Baliarsingh, S.K., **Srichandan, S.**, Barik, K.K., Sahu, K.C., & Lotliker, A.A. (2011). Satellite retrieved chlorophyll distribution in Bay of Bengal- a case study. *Research Journal of Berhampur University*, 1: 220-229

#### **Books (01 Nos.)**

1. Sahu, K.C., Baliarsingh, S.K., **Srichandan, S.**, Lotliker, A.A., & Srinivasa Kumar, T.S. (2013). Monograph on marine plankton of east coast of India: a cruise report. Indian National Centre for Ocean Information Services, Hyderabad, 146 pages. ISBN: 978-81-923474-2-4

#### **Book Chapters (03 Nos.)**

1. **Srichandan, S.**, & Rastogi, G. (2020). Spatiotemporal assessment of phytoplankton communities in the Chilika lagoon. (pp. 251-294). In: Finlayson, C.M., Rastogi, G., Mishra, D.R., & Pattnaik, A.K. (eds): Ecology, conservation, and restoration of Chilika Lagoon, India. Wetlands: Ecology, Conservation and Management, vol 6. Springer, Cham

2. Acharyya, T., Sudatta, B.P., Raulo, S., Singh, S., **Srichandan, S.**, Baliarsingh, S.K., Samanta, A., & Lotliker, A.A. (2021). A systematic review of biogeochemistry of Mahanadi river estuary: Insights and future research direction. In S. Das, & T. Ghosh (Eds.), *Estuarine Biogeochemical Dynamics of the East Coast of India*, pp. 57-80. Springer Nature. ISBN: 978-3-030-68980-3
3. **Srichandan, S.**, & Rastogi, G. (2021). Zooplankton diversity and their spatio-temporal distribution: an ecological assessment from a brackish coastal lagoon; Chilika, Odisha. In S. Madhav, S. Nazneen, & P. Singh (Eds.), *Coastal Ecosystems Environmental importance, current challenges and conservation measures*, pp. 201-238. Springer. 978-3-030-84255-0

**Full Length Seminar / Workshop Proceedings (02 Nos.)**

1. Baliarsingh, S.K., **Srichandan, S.**, Naik, S. & Sahu, K.C. (2011). Spatio-temporal distribution and composition of plankton in Gopalpur creek, a coastal backwater biotope, east coast of India: a taxonomical study. Proceedings of the International Conference on Biodiversity & Aquatic Toxicology, pp. 34-42
2. Dash, A., Palita, S.K., Dhal, N.K., Panda, S.S., **Srichandan, S.**, & Patra, H.K. (2011). Phytoplankton and Zooplankton in Hot Water Spring of Atri, Odisha- a preliminary report. Proceedings of the National Seminar on Biotechnology and Stress Management, pp: 41-46