

Journal Papers

1. Femi A. Thomas, Mahesh Mohan and K.P.Krishnan (2021). Bacterial diversity and their metabolic potentials in the sedimentary environments of Ny-Ålesund, Arctic. *Antonie van Leeuwenhoek. In Press.* [IF: 2.674]
2. Siddarthan Venkatachalam, V.M. Kannan, V.K. Saritha, S.L. Dinesh, Mahesh Mohan, K.P. Krishnan (2021). Bacterial diversity and community structure along the glacier foreland of Midtre Lovénbreen, Svalbard, Arctic. *Ecological Indicators. In Press.* [IF 4.229]
3. Gopikrishna, V. G., Kannan, V. M., Binish, M. B., Shukkur, M. A., Krishnan, K. P., & Mohan, M. (2020). Mercury in the sediments of freshwater lakes in Ny-Ålesund, Arctic. *Environmental Monitoring and Assessment*, 192(8), 1-10.
4. Gopikrishna, V. G., Sebastian, A., Akhilghosh, K. A., & Mohan, M. (2020a). Mercury and Other Trace Metals in the Surface Soils of Ny-Ålesund, Arctic. *Water, Air, & Soil Pollution*, 231(7), 1-9.
5. Vishnusagar M.K., **Kannan, V. M.**, Gopikrishana, V. G., Krishnan, K. P. and Mohan, M. (2021). Geochemistry and distribution of Metals in the Sediments of Kongsfjorden, Svalbard, Arctic. *Regional Studies in Marine Sciences*. Published online, March 16.
6. Mohan, M., Chandini, P. K., Krishnan, K. P., Gopikrishana, V. G., Sajinkumar, K. S., & Kannan, V. M. (2017). Mercury Fractionation in the Sediments of Kongsfjorden, an Arctic Fjord, Svalbard. *International Journal of Marine Science*, 7.
7. K.K. Nejumal, **Mahesh Mohan**, K.P. Krishnan, D. Dineep, U.K. Aravind, C.T. Aravindakumar (2017) Presence of bisphenol S and surfactants in the sediments of Kongsfjorden: a negative impact of human activities in Arctic? *Environ Monit Assess.* 190:22
8. V.M. Kannan, K.A.Treasa Nimy, V.G. Gopikrishna, Rakesh P.S., K.P. Krishnan, **Mahesh Mohan**, 2018. Zooplankton Diversity In Kongsfjord, Svalbard, Arctic. *Tropical Ecology*, 59(3): 541–544
9. Rupesh Kumar Sinha, KP Krishnan, Femi A Thomas, Binish MB, **Mahesh Mohan**, P John Kurian. 2018. Polyphasic approach revealed complex bacterial community structure and function in deep sea sediment of ultra-slow spreading Southwest Indian Ridge. *Ecological Indicators* 96(1):40-51
10. **Mahesh Mohan**, Tresa Nimmy K., Kannan V.M., Gopikrishna V.G., Abdul Shukkur M., Binish M.B., Arun Babu V., Rakesh P.S. (2019) Metal accumulation in Zooplanktons of two Arctic fjords, Ny-Ålesund, Svalbard. *Environmental Nanotechnology, Monitoring & Management*, 12
11. Mohan, M., Sreelakshmi, U., Sagar, M. V., Gopikrishna, V. G., Pandit, G. G., Sahu, S. K., & Krishnan, K. P. (2018). Rate of sediment accumulation and historic metal contamination in a tidewater glacier fjord, Svalbard. *Marine pollution bulletin*, 131, 453-459.

Book Chapter

1. Gopikrishna VG, Kannan VM, Krishnan KP, Mahesh Mohan. (2021). Fate and transport of mercury in the Arctic environmental matrices under varying climatic conditions. In Khare, N. (Ed.) *Understanding Present and Past Arctic Environments: An Integrated Approach from Climate Change Perspectives*. Taylor and Francis. Accepted