

Bio-data

Ms. Arya P. Mohan, M. Sc. Ph.D. (Thesis submitted)

Assistant Professor (Contract)
Department of Botany
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Area of Specialisation: Ecology and Phytoplankton



Ph. D. Title: Studies on Autotrophic Pico and Nano Plankton from Indian Waters (Submitted)

Research Experience

- Over four years research experience at National Institute Oceanography (CSIR), Kochi
- Hands on experience in Flow Cytometer, Flowcam, Epifluorescent microscope, Electron Microscope etc.
- Attended workshop on science writing and presentation conducted by Marine Biological Association of India.
- Attended National workshop on Mud Bank.
- Field experience on water sample collection from coastal and off shore waters

Software Skills

Basic knowledge on statistical (Primer, Canoco) and graphical (Grapher, Ocean data View, Surfer) software.

Publications

International

1. **Mohan, A. P.**, Jyothibabu, R., Jagadeesan, L, Lallu, K. R, & Karnan, C. (2016). Summer monsoon onset-induced changes of autotrophic pico- and nanoplankton in the largest monsoonal estuary along the west coast of India. Environmental Monitoring and Assessment, 188-93.

2. Jyothibabu, R., Madhu, N. V., Jagadeesan, L., Anjusha, A., **Mohan, A. P.**, & Ullas, N. (2014). Why do satellite imageries show exceptionally high chlorophyll in the Gulf of Mannar Palk Bay during the northeast monsoon? *Environmental Monitoring and Assessment*, 186 (11), 7781-7792.

3. Jyothibabu, R., **Mohan, A. P.**, Jagadeesan, L., Anjusha, A., Muraleedharan, K. R., Lallu, K. R., Kiran, K., & Ullas, N. (2013). Ecology and trophic preference of picoplankton and nanoplankton in the Gulf of Mannar and the Palk Bay, southeast coast of India. *Journal of Marine Systems*, 111, 29-44.

4. Anjusha, A., Jyothibabu, R., Jagadeesan, L., **Mohan, A. P.**, Kiran, K., Ullas, N., Deepak, M. P. (2013). Trophic Efficiency of Plankton Food Webs: Observations from the Gulf of Mannar and the Palk Bay, Southeast Coast of India. *Journal of Marine Systems*, 115-116, 40-61.

5. Jagadeesan, L., Jyothibabu, R., Anjusha, A., **Mohan, A. P.**, Madhu, N.V., Muraleedharan, K. R., Sudheesh, K. (2013). Ocean currents structuring the mesozooplankton in the Gulf of Mannar and the Palk Bay, southeast coast of India. *Progress in Oceanography*, 110, 27-48.

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