



## **Lix John K**

**Assistant Professor on contract**

### **Address for correspondence**

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### **Academic qualifications**

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M.Sc Oceanography, NET  
Ph.D. (Pursuing)

### **Publications/Proceedings**

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- 1) J.K. Lix, R. Venkatesan, George Grinson, R.R. Rao, V.K. Jineesh, Muthiah M. Arul, G. Vengatesan, S. Ramasundaram, R. Sundar, M.A. Atmanand (2016). Differential bleaching of corals based on El Nino type and intensity in the Andaman Sea, southeast Bay of Bengal. *Environmental Monitoring and Assessment*. DOI: 10.1007/s10661-016-5176-8
- 2) Venkatesan R., Lix J.K., Phanindra Reddy A., Arul Muthiah M., Atmanand M.A. (2016). Two decades of operating the Indian Moored Buoy Network: Significance and impact, *Journal of Operational Oceanography*. DOI: 10.1080/1755876X.2016.1182792
- 3) V.K. Jineesh, K.R. Muraleedaran, K. Lix John, C. Revichandran, P.V. Hareesh Kumar, K.R. Naveen Kumar (2015). Mesoscale process induced variation of the West India Coastal current during the winter monsoon. *Environmental Monitoring and Assessment*. DOI 10.1007/s10661-015-4701-5
- 4) V.V.Gopalakrishna, F.Durand, K.Nisha, M. Lengaign, T.P. Boyer, J.Costa, R.R. Rao, M. Ravichandran, S. Amrithash, L. John, K. Girish, C.Revichandran, V.Suneel (2010). Observed intra-seasonal to interannual variability of the upper ocean thermal structure in the southeastern Arabian Sea during 2002-2008. *Deep Sea Research I*. Vol. 57, p 739-754
- 5) Nisha Kurian, Joshua Costa, V. Suneel, V.V.Gopalakrishna, R.R. Rao, K.Girish, S. Amrithash, M. Ravichandran, Lix John and C. Revichandran (2011). Observed

interannual variability of the near surface thermohaline structure in the Southeastern Arabian Sea. *Remote sensing of the changing oceans*. Chapter 16, Edited by D. Tang, Springer, Vol. 4, p 305-323

- 6) J.K. Lix, K. Rasheed, R. Sajeev and A.N. Balchand (2013). Computation of Suspended Sediment Budget at Cochin Estuarine harbor. *Proceedings of HYDRO 2013 International*, 4-6 December 2013, IIT Madras, Chennai, India.
- 7) Lix J.K, Venkatesan R, Grinson George (2014). Spring warming of the near surface water around the Andaman Islands during 2011-2013. *Proceedings of National seminar on climate change and marine ecosystems (CCME2014)*: 20-21, March 2014, CUSAT.
- 8) C.Revichandran, K.Srinivas, Lix John, Jineesh V.K., M. Rafeeq (2010). Nearshore currents of Alleppey, Southwest coast of India, during October 2004. *Proceedings of National Conference on Coastal process resources & Management*, 5-7 Feb 2010, Thiruvananthapuram.

### **Conferences attended**

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- 1) National Conference on Coastal processes resources & Management, Thiruvananthapuram, Kerala, 05-07 February 2010.
- 2) National Symposium on Meteorology and socio-economic development-TROPMET 2011, Organized by Indian Meteorological Society at Hyderabad, 14-16 December 2011.
- 3) Pan Ocean Remote Sensing Conference (PORSEC) 2012, Kochi, Kerala, 05-09 November 2012.
- 4) National Seminar on Climate Change and Marine Ecosystems, 2014, Kochi, Kerala, 20-22 March 2014.

### **Career**

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Assistant Professor on contract: Cochin University of Science and Technology, Kochi, India

Project Scientist: National Institute of Ocean Technology, Ministry of Earth Sciences, Chennai, India

Lecturer on contract: Kerala University of Fisheries and Ocean Studies, Kochi, India

Research Scholar: National Remote Sensing Centre, ISRO, Hyderabad, India

Project Assistant: National Institute of Oceanography, CSIR, Kochi, India

Research Scholar: Cochin University of Science and Technology, Kochi, India

### **Courses Taught**

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- Ocean dynamics
- Geophysical fluid dynamics
- Air sea interactions
- General Oceanography
- Dynamical computations (Practical)

### **Awards**

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Best paper award of the short interactive session “satellite observations in meteorology” in Tropmet 2011, national symposium on “meteorology and socio-economic development” held during 14-16 December 2011 at Hyderabad organized by Indian meteorological society.

Best paper award for the oral presentation at the national seminar on climate change and marine ecosystems (CCME 2014) held during 20-22 March 2014 at Kochi organized by Cochin University of Science and Technology.

### **Research Area**

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Air Sea interaction processes over the Arabian Sea

Coral reef bleaching