

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Name:	Dr.R.Sajeev
Department :	Department of Physical Oceanography
Contact Details	School of Marine Sciences
Address for communication	CUSAT, Foreshore Road
Email	Fine Arts Avenue
Phone	Cochin-682 016
Intercom	3205
1. Academic Background	
Qualifications:	M.Sc., Ph.D
Qualifying Post Graduate Degree:	M.Sc. Oceanography
Ph. D with NET	Yes
Ph. D without NET	
Post Graduate Degree(s)	M.Sc
Under Graduate Degree(s):	B.Sc. Mathematics
Any other PG degree/ Diploma relevant to the subject:	PG Diploma in Fortran

2.1 Published / accepted papers in Journals / Conferences:

List of publications covering **National** and **International Journals** AND International / National Conferences or workshop:

Sources consulted for SNIP, SJR, IF and H-index : JCR 2013, <http://www.scimagojr.com>, <http://www.impactfactorsearch.com>, Google scholar, as applicable.

[Cited by : Google Scholar, SNIP : Source Normalized Impact per paper, SJR : Scimago Journal & Country Rank, IF: Impact factor, H-Index: Hirsch Index]

1. **Sajeev,R**, Sankaranarayanan, V.N. Chandramohan, P. and K.S.N. Nampoodiripad (1996). Seasonal changes of the sediment size distribution and stability along the beaches of Kerala, SW coast of India. Indian Journal of Marine Sciences. Vol. 25, pp. 216-220.

Cited by: 4 SNIP : 0.717 SJR : 0.26 IF:0.313 H – Index : 19

2. **Sajeev,R**, Chandramohan,P and V. Sanilkumar. (1997). Wave refraction and prediction of breaker parameters along the Kerala coast.. Indian Journal of Marine Sciences. Vol.26, pp. 128-134.

Cited by: 5 SNIP : 0.717 SJR : 0.26 IF:0.313 H – Index : 19

3. **Sajeev,R**, Chandramohan,P, Josanto,V and V.N.Sankaranarayanan.(1997). Studies on sediment transport along the Kerala coast, south west coast of India. Indian Journal of Marine Sciences. Vol.26, pp. 11-15.

Cited by: 10 SNIP : 0.717 SJR : 0.26 IF:0.313 H – Index : 19

4. C. Revichandran, P R Vijayan, **R Sajeev** & V N Sankaranarayanan, (2001). Monitoring beach stability and littoral processes at Androth and Kalpeni Islands, Lakshadweep, Geological Survey. Ind. Spl. Pub. No. 56, pp 221-227.

Cited by: 6 SNIP : 0.762 SJR : 0.35 IF:0.513 H – Index : 28

5. **R Sajeev**, Coastal Photograph, Journal of Coastal Research, 17(3), 2001.

6. K.J. Thara, Phiros shah and **R.Sajeev**, Response of oil sardine of Kerala with special reference to extreme oceanographic events. Paper presented in the International Symposium “Marine Ecosystems Challenges and Opportunities” (MECOS 09) 9-12 February 2009 Cochin, India

7. Phiros shah, K.J. Thara and **R.Sajeev**, An upwelling front along the north Malabar Zone (SW Coast of India) during July 1995. Paper presented in the National Conference of Ocean Society of India – OSICON '09. Recent developments in Ocean science, engineering and technology. March 19-21, 2009 Andhra University, Visakhapatnam.
8. Jose K. Xavier & **R.Sajeev**. Groundwater Pollution Caused by Soil Leaching of Anionic Surfactants from surface waters A model approach. Paper submitted to the National Seminar on Aquatic Chemistry AQUASEM '09-Recent developments in water chemistry with specific reference to water resources and Management. March 26-28, 2009 at CUSAT.
9. K.J. Thara, **R.Sajeev** and P. Shah. Impacts of Indian Ocean Dipole on major pelagic fish species of south-west coast of India. Paper presented in the International Symposium of Remote Sensing and Fisheries (SAFARI) Feb. 15-17, 2010 Kochi, India.
10. K.J. Thara, **R.Sajeev** and T.Pankajakshan. Impacts of Enso and IOD on summer monsoon rainfall and Oil Sardine fishery along the west coast of India. Paper presented in the International Symposium on Climate Change Effects on Fish and Fisheries, Sendai, Japan. 25– 29 April, 2010
11. B.R.Smitha, V.N.Sanjeevan, C.Revichandran and **R.Sajeev**. Spatial and temporal variability in coastal upwelling of the south eastern Arabian Sea. Paper presented in symposium on Indian Marine Living Resources (IndoMLR), Kochi. 2 -3 December 2010
12. T.C. Salini, C.L.Fanimol, B.R.Smitha, K.Jayalakshmi, C.R.Asha Devi, V.N.Sanjeevan, N.Saravanane and **R.Sajeev**. Oceanography of the Andaman waters: Physico –chemical and biological characteristics during January 2009. Symposium on Indian Marine Living Resources (IndoMLR), Kochi. 2 -3 December 2010.
13. Phiros Shah and **Sajeev R**, Influence of IOD events on Sea Surface height variability and circulation characteristics along the SW coast of India. Paper presented in OSICON- Technologies for Ocean Exploration” 13-15 July 2011 at National Institute of Ocean Technology (NIOT), Chennai.
14. Teena N V, Sanil Kumar V, Sudheesh K and **Sajeev R**, Statistical Analysis on extreme wave height. Natural Hazards, Dec. 2011.

Cited by: 1 SNIP : 1.267 SJR : 0.465 IF :1.958 H – Index : 45

15. Phiros Shah & **R Sajeev** – Influence of IOD events on coastal dynamics along the south west coast of India, Paper presented in the International Conference PORSEC-2012. November 05-09, 2012.

16. Phiros Shah, **R.Sajeev** and N.Gopika. Study of Upwelling along the west coast of India – A climatological Approach- Accepted in JCR. DOI:10.2112/JCOASTRES-D-13-00094.1. August 2013

Cited by: 0 SNIP : 0.847 SJR : 0.533 IF :0.755 H – Index : 49

17. J.K. Lix, K.Rasheed, **R.Sajeev** and A.N.Balchand. Computation of suspended sediment budget at Cochin Estuarine Harbour. HYDRO 2013, International 4-6 December 2013. IIT, Madras, India.

18. Saji.P.K, A.N.Balchand and **R.Sajeev**. Seasonal warming trend in Indian Ocean. Paper presented in National Seminar on Climate Change and Marine Ecosystems (CCME-2014) 20-21 March 2014. Organized by the Department of Marine Biology, Microbiology and Biochemistry, CUSAT.

19. Smitha.B.R, V.N.Sanjeevan, **R.Sajeev**, C.Revichandran and M.Sudhakar. Process studies on the summer monsoon upwelling system of the southeastern Arabian Sea with special reference to Kerala coast (8 – 13° N). Paper presented in MECOS- Marine Ecosystems – Challenges and Opportunities –2-5 December 2014. Kochi.

2.1. Technical Reports

1. Site selection for diffuser and route alignment for submarine pipeline for effluent disposal for M/S. Mangalore Refinery and Petrochemicals Ltd. Mangalore, 1994.
2. Selection of site for marine disposal of dusted and scrapped salt from tanneries - Tamilnadu Pollution Control Board, Madras.
3. Studies for laying submarine pipeline at Cochin back waters for Bharat Petroleum Corporation, Ltd.
4. Coastal oceanographic studies off Mangalore for liquid effluent discharge of the proposed JESCO Steel Plant: Dynamic and semi-dynamic aspects, Sponsored by M/S. Jayaprakash Engineering and Steel Company Ltd., Bangalore.
5. Oceanographical and environmental parameters for the disposal of industrial effluents off Chitrapur, Mangalore, Sponsored by BASF India Ltd., Bombay.
6. Environmental monitoring programme-Identification of hot spots in the south-west coast of India. Report submitted to the Department of Ocean Development, New Delhi.

7. Report on Environmental Impact Assessment of the deepening of the navigational channels for Cochin Port Trust.
8. Marine environmental studies along the south-west coast of India (Coastal Ocean Monitoring and Prediction System).
9. Water quality monitoring at Androth and Kalpeni islands, Lakshadweep Harbour works.
10. Environmental Impact Assessment of the proposed shallow water dredging of placer deposits off Chavara, Sponsored by NIOT, Madras.
11. Oceanographic and Marine Environmental Impact Assessment studies for setting up of the proposed LNG terminal at Cochin.
12. Rapid marine environmental impact assessment of proposed naphtha fired power station at Kilarasadi, Tuticorin, Sponsored by M/S.Sujana Power (Gangikondan) Ltd., Chennai.
13. Oceanographic studies off Beypore Port to locate a marine dumping site, Sponsored by M/s. Mobil Peevees Company Limited, Chennai.

2.2.	Externally Funded Research / Consultancy Projects through University / Institution (Both completed and Ongoing Projects):				
	Sl No.	Title	Funding Agency	Amount & Duration	Principal investigator/ Co-investigator
	1.	M.Tech Ocean Technology, Academic program	Academic program – UGC, India	Rs 50.00 Lakhs, 2001 - 2005	Dr.R.Sajeev Faculty of Department
	2	XBT Observations along Cochin-Lakshadweep under ARMEX Program	DST	Rs. 27.70 Lakhs, 2002 - 2006	Dr.R.Sajeev, Co-PI
	3.	INCOIS-INDOMOD Project – Dynamics of the Coastal Waters of the SW Coast of India and its impact on fisheries	INCOIS-MoES	27.00 Lakhs, 2008 - 2014	Dr.R.Sajeev (PI) and Dr.Pankajakshan, NIO (Co-PI)
	4.	Modelling Coastal Sediment Transport and its impact on Coastal Environment	SAC, DOS	26.15 Lakhs, 2014 - Continuing	Dr.R.Sajeev (PI) and Ratheesh Ramakrishnan,

					SAC (Co-PI)
--	--	--	--	--	-------------

2.3	Research Guidance :				
2.3 (a)	Ph D – Degree Awarded				
SI No.	Title	Name of co-guides (if any)	Name of student	University	Year
1.	Coastal Upwelling of the south eastern Arabian Sea – An Integrated Approach	NONE	Dr Smitha.B.R	CUSAT	2011
2.	Response of Eastern Arabian Sea to Extreme Climatic Events with Special Reference to Selected Pelagic Fishes.	NONE	Dr Thara.K.J	CUSAT	2012

Current Ph.D Guidance:

Sl.No.	Problem / Topic	Investigator
1	Circulation Dynamics of the Arabian Sea	Phiros Shah
2	Physical Processes and its Influence on the Biological Productivity	Saliny.T.C
3	Ocean Atmospheric Coupling in the Arabian Sea	P.Chandrasekharan
4	Heat budget of the Indian Ocean	Gopika.N
5	Air Sea Interaction in the Tropical Indian Ocean and its influence on Monsoon over Southern Peninsular India	E.K.Simon
6	Oceanic Mesoscale features in the Bay of Bengal	Vimalkumar.K.G
7	Air-Sea Interaction processes over the Indo-Pacific region	Nisa Anil

2.7	Organiser / Convenor of International / National Conferences / Symposia / Seminars:			
	SI No.	Title and year	Chief organiser/ Convener	Co-organiser/ co-convenor
International Level	1	Pan Ocean Remote Sensing Conference (PORSEC) - November 2012		Dr.R.Sajeev, Co-Organizer

	2			
National Level	1	National Workshop on “Emerging Trends in Ocean Science and Technology” organised by the Ocean Society of India (OSI) on 16, March '07, CMFRI, Kochi		Dr.R.Sajeev, Co-Organizer
	2	OSICON '09, Andhra University, Visakhapatnam		Dr.R.Sajeev, Co-Organizer
	3	OSICON '11, NIOT, Chennai		Dr.R.Sajeev, Co-Organizer
		Training program on Regional Ocean Modelling System (ROMS), November 2012 Organised by the Department of Physical Oceanography, CUSAT & CORAL, IIT Kharagpur, Sponsored by Ocean Society of India.		Dr.R.Sajeev, Co-ordinator
	4	OSICON '13, IITM, Pune		Dr.R.Sajeev, Co-Organizer

3	Assessment of Domain Knowledge				
3.1	Experience Additional Teaching / Industrial Experience after obtaining minimum eligibility criteria for the particular post (Only Full-time teaching assignments and/ Industrial Experience not below the rank of Lecturer in UGC/AICTE approved institutions/ Assistant Manager / Officer in a public / multi-national Company, after obtaining the minimum educational qualifications for this post)				
	SI No.	Institution	Post held	Period (from ... to..)	No. of years
University PG Level	1.	CUSAT	Reader/ Associate Professor	20-03-2001 to date	13
University UG/College level	1.	Indian NAVY, SNOM	Invited Talks		
	2.	CSIR-UGC-NET Coaching	Guest		
Industrial Experience	1.				
	2.				

--	--	--	--	--	--

3.2	<i>Additional Research Experience after Ph. D</i>			
	Institution	Post Held	Period	No. of years
Post-Doctoral Research	NIO, CSIR	Research Associate	1997 - 2000	3
Design of Experiments for P. G. Level laboratory course	--	--	--	--
Maintenance and operations of sophisticated equipments	--	--	--	--
(In the case of Teachers who are also doing research work, their teaching experience alone will be counted – credit for both teaching and research will not be awarded concurrently)				

3.3	<i>Academic / Administrative Experience (give particulars):</i>		
3.03 (a)	<i>Administrative experience:</i>		
Sl No	Post Held	Period	No. of years
1	Head, Dept. of Physical Oceanography	01-07-2004 to 14-12-2007	3 yrs and 5 months
2	Head, Dept. of Physical Oceanography	15-12-2010 to 31-12-2013	3 yrs

3.03 (b)	Academic experience (Member, Board of studies, Academic council / Faculty etc.)
----------	---

Sl No	Positions held	Period	No. of years
1	Member Board of Studies in Oceanography	2002 – Till Date	
2	Chairman Board of Studies in Oceanography	2005-2007	2
3	Member, Faculty of Marine Sciences	2005-2007	2
Participation in Training Programs/Workshop/Summer Winter-Schools, (organized by Govt. agencies/ UGC/AICTE, ICTP or similar International Organisations) :			
3.04			
Duration of Course	Title	Agency	Period
2 Days	Hands on Training program on ROMS-Modelling	Ocean Society of India	2012

Declaration

I, R.SAJEEV have read the notification and all other related instructions. All information and data furnished above are true to the best of my knowledge and belief.

Place: Kochi-16

Date: 29/01/2015

Signature