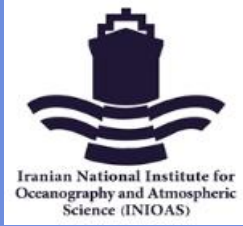


Curriculum Vitae

Dr. Samad Hamzehei



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Academic Background

- Ph.D. in Physical Oceanography, Islamic Azad University, Science and Research Branch, 2007-2012.
- M.Sc. in Physical Oceanography, Islamic Azad University, Science and Research Branch, 2004-2007.
- B.Sc. in Applied physics of meteorology, Faculty of Sciences, The University of Hormozgan, 1999-2003

Positions & Work Experiences & Memberships

- Faculty member of the Institute for Oceanography and Atmospheric Science (INOAS) since 2017
- Head of Payame Noor University of Hormozgan Province from 2013 to 2016
- Head of Islamic Azad University of Hormozgan Science and Research Branch from 2010 to 2013
- Head of the Payame Noor University of Bandare Khamir from 2009 to 2010

Teaching Experiences

- Course on "Marine Hydraulic Basics" Islamic Azad University, Bandar Abbas Branch
- Course on "Thermodynamics and Statistical Mechanics" of Bandar Abbas Islamic Azad University and Bandar Abbas Payame Noor University
- Course on "Fluid Mechanics" of Bandar Abbas Islamic Azad University and Payame Noor University of Bandar Abbas
- Course on "Physics 1.2 and Physics Lab 1 & 2" Payame Noor University of Bandar Abbas and Islamic Azad University, Bandar Abbas Branch
- Course on "Dynamic Meteorology" of Bandar Abbas Payame Noor University
- Course on "Synoptic Climatology" of Bandar Abbas Payame Noor University
- Course on "Analytical Mechanics" of Payame Noor University of Bandar Abbas and Islamic Azad University, Bandar Abbas Branch
- Course on "Environmental Physics" University of Payame Noor Bandar Abbas

Research Activities

Research Interest

- Ocean Currents
- Marine Remote Sensing
- Harmful Algal Blooms

Full Papers

- **Hamzehei, S.**, Bidokhti, A.A., Mortazavi, M.S., Gheiby, A.H. 2012. Analysis of red tide in Strait of Hormuz in 2008-2009 using ocean satellite data. *International Journal of Marine Science Engineering*. 2(4): 225-232.
- **Hamzei, S.**, Bidokhti, A.A., Mortazavi, M.S., Gheibi, A. 2012. Utilization of satellite imageries for monitoring harmful algal blooms at the Persian Gulf and Gulf of Oman. *International conference on Environmental, Biomedical and Biotechnology, IPCBEE, 41, IACSIT Press, Singapore*. pp. 171–174.
- Mortazavi, M.S., **Hamzei, S.**, Motallebi, A.A., 2013 Preliminary studies on HAB monitoring in the Persian Gulf and Oman Sea using remote sensing data from ocean color sensor MODIS, *Proceedings 15th ICHA*.
- **Hamzehei, S.**, Bidokhti, A.A., Mortazavi, M.S., Gheiby, A.H. 2013. Red Tide Monitoring in the Persian Gulf and Gulf of Oman Using MODIS Sensor Data. *Technical Journal of Engineering and Applied Sciences*, 3 (12): 1100-1107.
- **Hamzehei, S.**, Bidokhti, A.A., Mortazavi, M.S., Gheiby, A.H. Ebrahimi, M., Saraji, F, 2012. Field Study of the 2008-2009 Red Tide in the Northern Strait of Hormuz. *Life Science Journal* 2012;9(4)
- Monfared, A., **Hamzeyi, S.**, 2014 The Simulation of the Best Spot for Dewatering and Desalination Waste Disposals of Bushehr (Iran) by Using MIKE21 Software. *Trends in Life Science*. Volume-3 Issue-4 (2014)
- Jahromi, S.T., Othman, A.S., Saraji, F., **Hamzehee, S.**, 2011. Identification and Molecular Phylogeny of the Dinoflagellate (*Cochlodinium polykricoides*) from Persian Gulf. *International Journal of Review in Life Science*. Volume-1 Issue-4 (2011)
- Noorabad, F., **Hamzei, S.**, 2015. Scour the Numerical Model of the Butterfly Ship Docks at the Foot of the Wall. *International Journal of Review in Life Sciences*. 5(6), 2015, 315-323
- Torabi, M., **Hamzehei, S.**, 2016. Field Study of the Currents of the North Strait of Hormuz, *Environmental Science and Technology*, Volume 18, Issue 1, Spring 2016, pp. 64-77.
- **Hamzehei, S.**, Mortazavi, M. S., Bidokhti, A.A., Mortazavi, M.S., 2011. Investigating the occurrence and development of Red Tide in the Persian Gulf and the Gulf of Oman by analyzing the data of the MODIS, human and environment, article 5, Volume 9, Issue 3, Autumn 2011, pp. 39-48
- **Hamzehei, S.**, Malakuti, H., Ghaebi, A., Rezazadeh, M., 2016: Investigating the Methods for Determining the Rate of the Red Tide in the Persian Gulf and Oman Sea Using Satellite Sensors, *Aquatic Ecology Journal*, 6 (1) p. 12-19

Projects

- Field studies the currents of Strait of Hormuz, 2007, Hormozgan Academic Center for Education, Culture and Research (ACECR).
- Red Tide Studeis in the Persian Gulf and Oman Sea, 2012, Persian Gulf and Oman Sea Ecological Research Institute

Books

Workshops

- Hamzehei, S., 2014, Surfer Software Training Workshop, Payame Noor University
- Hamzehei, S., 2014, Hormoz Strait Currents Training Workshop, Islamic Azad University, Bandar Abbas Branch
- Hamzehei, S., 2015, Ocean Data View software training workshop, Islamic Azad University, Bandar Abbas Branch
- Hamzehei, S., 2015, SeaDAS Software Training Workshop, Payam Noor University of Bandar Abbas