

PERSONAL INFORMATION

- Name: Ehsan Rastgoftar
- Date of Birth: 1986
- Email Address: e.rastgoftar@inio.ac.ir

Employment/ Professional activities

- Faculty Member at Iranian National Institute for Oceanography and Atmospheric Science: Tehran, IR
- Board Member of Iranian Coastal & Marine Structural Engineering Association (ICOMSEA): Tehran, IR

EDUCATION/QUALIFICATION

- 2018 Ph.D in Marine Structures, Iranian National Institute for Oceanography and Atmospheric Science, Tehran, Iran
- 2011 MSc in Hydraulic Engineering, Khaje Nasir University of Tech, Tehran, Iran
- 2008 BSc in Civil Engineering, Tehran Branch of Azad University , Tehran, Iran

PUBLICATIONS

Journal papers:

- Rastgoftar E, Soltanpour M, Akbarpour Jannat M R (2024) “Study of Caspian Sea tsunami caused by a potential submarine landslide triggered due to seismic activity of the faulting system of the northern Iranian plateau” *Natural Hazards* . <https://doi.org/10.1007/s11069-024-06700-3>
- Rastgoftar E., Khoshkholgh, A., & Akbarpour Jannat, M. R. (2023). “Sensitivity Analysis of Makran Subduction Zone's Seismic Parameters for Optimizing the Number of Potential Tsunami Scenarios” *International Journal of Coastal, Offshore and Environmental Engineering (ijcoe)*, 8(4), 9-17.
- Akbarpour Jannat M R, Rastgoftar E., Goda K. (2023) “Improvement to stochastic tsunami hazard analysis of megathrust earthquakes for western Makran subduction zone” *Applied Ocean Research*, 141, 103784.
- Akbarpour Jannat M R, Rastgoftar E (2023) “Numerical study of the impact of nonlinear parameters on tsunami wave modeling-A case study: Chabahar Bay” *Journal of Oceanography*, 14(55), 134-151.
- Akbarpour Jannat M R, Rastgoftar E., Farhang Baftani S (2020) “Numerical Modeling of Tsunami Waves caused by a Possible Landslide in the Caspian Sea Due to the identified source in front of the Sefidrood Estuary”, *Journal of Oceanography (JOC)*,11 (41), 151-164.

- Rastgoftar E., Akbarpour J M, Banijamali B (2018), “An integrated numerical method for simulation of drifted objects trajectory under real-world tsunami waves”, *Applied Ocean Research*, 73, 1-16. doi:<https://doi.org/10.1016/j.apor.2018.01.013>.
- Rastgoftar E., Akbarpour J M, Banijamali B (2018), “Improvement in the SPH-Paddle Wave Maker Approach for Real Tsunami Waves Modeling”, *Journal of the Persian Gulf*, 8 (30), 17-38.
- Akbarpour J M, Rastgoftar E., Asano T (2017) “Tsunami Assessment for Inundation Risk Management at Chabahar Bay Facilities in Iran”, *International Journal of Coastal and Offshore Engineering*, 1 (2), 27-39.
- Rastgoftar E., Soltanpour M (2016), “Study and numerical modeling of 1945 Makran Tsunami due to a probable submarine landslide”, *Natural Hazards*, 83(2), 929-945. DOI: 10.1007/s11069-016-2356-3
- Akbarpour J M, Rastgoftar E. (2015) “Numerical Modeling of Tsunami Waves Associated With Worst Earthquake Scenarios of the Makran Subduction Zone in the Jask Port”, *Journal of the Persian Gulf*, 6 (22), 35-48.
- Soltanpour M, Rastgoftar E. (2011), “Study of tsunami attacks on neighboring countries of Caspian Sea caused by a probable submarine landslide”, *Journal of Coastal Research*, 64, 1195-1199.

Conference Papers:

- Banijamali B, Alviri A, Rastgoftar E, Soltanpour M (2016) “A case-study of rubble-mound breakwaters stability against Makran subduction zone tsunamis”, 35th Coastal Engineering Conference, ASCE, Antalya, Turkey, DOI: <https://doi.org/10.9753/icce.v35.structures.44>
- Rastgoftar E, Akbarpour J M, Ghanbari R, Moghadam M (2016) “Investigation of tsunami hazard in Jask port due to largest possible earthquakes of Makran subduction zone” 12th International Conference on Coasts, Ports and Marine Structures, ICOPMAS, Tehran, Iran.
- Rastgoftar E, Akbarpour J M, Chegini V, Rostami M (2012) “Investigation of Chabahar Bay inundation associated with tsunami of Makran subduction zone”, 10th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran.
- Rastgoftar E, Soltanpour M (2010) “Numerical simulation of Caspian Sea tsunami caused by a probable submarine landslide”, 9th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran.

Book

- Guideline of Structural Design against Tsunamis (2022), Tehran, Iran (in Persian)