Curriculum Vitae

Personal Data

Name: **Mohammadreza Allahyar**
Date of birth: 31 Aug., 1977
Place of birth: Malayer, Iran
Gender: Male
Marital Status: Married
Nationality: Iranian

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Address: Unit3, No 12, Bahonar Alley, Sardar Jangal Blvd., Mokhberi Blvd., Ashrafi Isfahani Exp' way, Punak Sq. Tehran, Iran

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Education

Sep 2020- 2021	**DBA** Tarbiat Modarres University
Sep. 2000- Feb. 2003	**Master of Science (M.Sc.)** In Marine Structures engineering at the University of Tehran, Iran
Sep. 1995 – Oct. 1999	**Bachelor of Science (B.Sc.)** In Civil engineering at the University of Shiraz, Iran

Employment History

2017-present	Deputy of engineering and infrastructures development affairs of Ports and Maritime Organization of Iran (PMO)
2015- 2016	Interim deputy of engineering and infrastructures development affairs of Ports and Maritime Organization of Iran (PMO)
2011-2017	Head of coastal and port engineering Dept. of PMO
2007-2011	Head of coastal engineering office of PMO
2001- 2006	Senior expert of Coastal and port engineering department of PMO

Professional and technical experiences

2014- 2017	Member of supervisory committee of ICZM of Hormozgan Province
2014- 2017	Member of supervisory committee of Monitoring and modeling study Iranian Caspian sea's coastline
2008- 2012	Senior supervisor for Monitoring and modeling study at some coastal parts of Hormozgan province.
2007- 2008	Member of supervisory committee of development plan of Anzali Port
2006-2009	Member of supervisory committee for ICZM of Iran
2005-2012	Senior supervisor of Monitoring and modeling study at some coastal parts of Sistan and Baluchistan and Bushehr provinces
2005-2006	Supervisor for 3D currant modeling of Persian Gulf study
2003-2005	Member of supervisory committee of study on Hydrodynamics and sedimentation in Anzali Port
2003-2005	Supervisor of Iranian seas wave modeling project
2002-2004	Member of supervisory committee of study on Hydrodynamics and sedimentation in Amirabad Port
2002-2004	Member of advisory committee of study on sediment transport in Imam Port using field measurement and modeling
2001- 2006	Senior engineer for Measurement network plan of marine parameters in Iranian Seas

Professional Membership

2021	Co- Chair of Cooperation commission (COCOM) of World Association for Waterborne Transport Infrastructure (PIANC)
2020	Vice president of 14th International conference on coasts, Ports and marine structure, ICOPMAS2020
2020	Member of paper selection committee of 14th International conference on coasts, Ports and marine structure, ICOPMAS2020
2018	Vice president of 13th International conference on coasts, Ports and marine structure, ICOPMAS2018
2018	Member of paper selection committee of 13th International conference on coasts, Ports and marine structure, ICOPMAS2018
2016	Member of paper selection committee of 12th International conference on coasts, Ports and marine structure, ICOPMAS2016
2016	Secretary of 12th International conference on coasts, Ports and marine structure, ICOPMAS2016
2016: 2020	Iranian first delegate in World Association for Waterborne Transport Infrastructure (PIANC)
2015:present	Member of foundation committee of Iranian hydrographic association
2015:2017	Vice president of National oceanographic committee of Iranian National Commission for UNESCO
2014:	Secretary of 11th International conference on coasts, Ports and marine structure, ICOPMAS2014
2014:	Member of paper selection committee of 11th International

2013- 2016:	Iranian delegate in Marine commission of World Association for Waterborne Transport Infrastructure (PIANC)
2013- 2015	Member of board of directors and the secretary of Iranian Coastal and Marine Structural Engineering Association (ICOMSEA)
2012	Member of paper selection committee of 10th International conference on coasts, Ports and marine structure, ICOPMAS2012
2012:2015	Member of National oceanographic committee of Iranian National Commission for UNESCO
2012	Executive secretary of 10th International conference on coasts, Ports and marine structure, ICOPMAS2012
2011- 2016	Member of Youth commission of World Association for Waterborne Transport Infrastructure (PIANC)
2010	Member of paper selection committee of 9th International Conference on Coasts, Ports and Marine Structures, ICOPMAS2010
2010	Head of executing committee of 9th International Conference on Coasts, Ports and Marine Structure, ICOPMAS2010
2008	Member of paper selection committee of 8th International Conference on coasts, Ports and marine structure, ICOPMAS2008
2008	Head of executing committee of 8th International Conference on Coasts, Ports and Marine Structure, ICOPMAS2008
2007-Present:	Secretary and Member of committee (as the coastal engineer expert) for issuing permits to construct and using costal and marine structures along Iranian coastlines
2001- Present:	Member of Iranian Hydraulics Association

The line above the 2013-2016 entry reads: "conference on coasts, Ports and marine structure, ICOPMAS2014"

Short Training Courses

Sep. 2017	International container standards	PMO & Global port training
Aug. 2014	Coastal oceanography in the southern Caspian sea, Theory & Application	University of western Australia
Aug. 2013	Value Engineering, Level I & II	Kurit Kara consulting engineers
May 2011	Prime Project management professional	Prime learning
May 2011	Prime problem solving	Prime learning
Feb. 2011	Monitoring and Modeling Studies of Coastal Zone of Hormozgan Province	Globe ocean & Sogreah company
Feb. 2011	Hydrography	PMO training center
Dec. 2010	Auto cad	PMO training center
Dec. 2009	ArcGIS DESKTOP 9.3Arc info	Chakad consulting engineers
Sep 2009	Governance Toward a Comprehensive Security for Seas and the Ocean: The Hiroshima	United Nations Institute for Training and Research

	Initiative"	
Apr. 2009	Effective meeting	Iranian center for industrial training and research
Feb. 2009	Monitoring and modeling study of some parts of Sistan & Baluchestan and Bushehr provinces	Baird and associate consulting engineers
Jan. 2009	Prime Project Management Fundamentals	Prime learning
Oct. 2008	Fundamentals of Hydrography and Coastal Surveying	PMO training center
Jul. 2008	Tsunami Numerical Modelling	Intergovernmental Oceanographic Commission UNESCO
Dec. 2007	Management of classification & Statutory surveys of ship and offshore installation	Iranian classification society
Nov.2007	International Port management issues	HPTI company
Feb. 2007	Wavescan operator	Oceanor Company
Dec. 2006	Irregular waves Theory	Prof. Yoshimi Goda
Nov. 2006	2nd stage for Iranian commercial port master plan	HPTI company
May 2006	1st stage for Iranian commercial port master plan	HPTI company
Feb. 2006	Integrated coastal zone management	Intergovernmental oceanographic commission (IOC)
Aug. 2004	Fundamental of coastal engineering	Iranian National center for oceanography
July 2004	Storm Surge in Persian Gulf, Oman Sea, and Caspian Sea	Iranian National center for oceanography
July 2003	Wave mathematical modeling	Iranian National center for oceanography
Oct. 2002	Ocean data management for Caspian and Black sea Region	IODE- IOC UNESCO

Publications

1. M. Allahdadi, N. Chaichitehrani, **M. Allahyar**, L. McGee (2017) " Wave spectral pattern during a historical cyclone : A numerical model for cyclone Gonu in the Northern Oman sea" open Journal of fluid dynamics, 2017, 7, 131-151

2. A.Bakhtiari, **M.Allahyar**, M.Attari, S. haghshenas, M.Bagheri, S. Doroudi, (2016) "Modeling of last recent tropical storm in Arabian sea" 12th conference on coasts, Ports and Marine Structures (ICOPMAS2016), Tehran, Iran

3. M. Attari, S. Haghshenas, M. Soltanpour, A. Razavi, Z. Hajsalimi, S. Ahmadi, A. Zarkani, **M.Allahyar**, A. Bakhtiari, E. Delkhosh. (2016) "Developing the Persian Gulf wave forecasting system" 12th conference on coasts, Ports and Marine Structures (ICOPMAS2016), Tehran, Iran

4. M. Raghebi, **M.Allahyar**, S. Sadeghian, M. SiadatMousavi, M.Haghighat (2016) "Hormozgan province beach and shore face morphodynamics classification" 12th conference on coasts, Ports and Marine Structures (ICOPMAS2016), Tehran, Iran

5. H. Sadeghian, **M.Allahyar**, A. Hajmomeni, M. Tavakolani(2016) "Simultaneous effects of wave and tide on the coastal currents along Hormozgan provice coastline (case study: Parsian area)" as poster presentation in 12th conference on coasts, Ports and Marine Structures (ICOPMAS2016), Tehran, Iran

6. J. Karimi, **M.Allahyar** (2016) "Providing of GIS-based tool for supporting decision making in port development and infrastructure protection – safe port " as poster presentation in 12th conference on coasts, Ports and Marine Structures (ICOPMAS2016), Tehran, Iran

7. **M. Allahyar**, M. Nemati, E. Jamalinia, A., Golshani, (2015), "Monitoring and Modelling study of Makran Coasts", 5th International conference on Estuaries and Coasts (ICEC2015), Muscat, Oman

8. R. Ghazangian, M. Shafieefar, R. Panahi, **M. Allahyar** (2015) "An appropriate unidirectional wave spectrum model for strait of Hormuz", Journal of Marine science Appl. (2015)14. DOI: 10.1007/sl1804-015-1313-y

9. A.Ashoor, M. Rad, **M.R.Allahyar** (2015) " Challenges in the assessment of harbor tranquility- case studies from harbors in the Persian Gulf and Oman sea", International Geoinformatics Research and Development Journal (IGRDJ) - Volume 6 - Issue 2 - June 2015

10. R.Panahi, M. Shafieefar, A.Ghasemi, **M.R.Allahyar**, M. Nemati, A.Shooshtari (2014) " A Bio- Modal directional wave spectrum for coastal region around Chabahar bay", 11th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

11. A.Ashoor, M. Rad, **M.R.Allahyar** (2014) " Challenges in the assessment of harbor tranquility- case studies from harbors in the Persian Gulf and Oman sea", 11th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

12. A. Ilia, **M.R.Allahyar** (2014) "Effects of Barometer fluctuations on mean sea level in the Persian Gulf and the Gulf of Oman", 11th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

13. B. Niroomand, R.Kamalian, M.Soltanpour, **M.R. Allahyar** (2014)"Study of the wave spectra in the Persian Gulf", International Coastal engineering conference ICCE, presented as poster, South Korea.

14. M. Dibajnia, **M.R. Allahyar**, M. Tavakoli, S A Haghshenas, (2013) "A comprehensive wave hindcast for the inner ROPME sea area (RSA) and the strait of Hormuz", international conference on environmental challenges in the ROPME sea area, Kish island, Iran

15. F. Komijani, A. Bakhtiari, **M. R. Allahyar**, M. Tavakoli, A. S. Naseri (2012)"Wave climate study in Bushehr bay, the Persian Gulf" 10th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

16. A. Bakhtiari, F Komijani, **M.R. Allahyar**, M. Tavakoli, S. Madihi (2012) "An investigation on PMO Dynamics model in Bushehr bay, Persian

Gulf'10th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

17. S.M. Hosseini Bandarabady, , **M.R. Allahyar**, M. Tavakoli, S. Madihi, G. Ebrahimi **(2012)** " Simulation analysis of tides, current, and waves of Genaveh region based on the field measurement data and modeling study on some coastal parts of Bushehr province project" 10th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

18. M. H. Besharati Givi , M. S. Madihi, A. Shooshtarizadeh Naseri and **M. R. Allahyar, (2012)** "Numerical Investigation of the Flow Pattern in "Tangeye Khuran" Tidal Channel in the Persian Gulf" 8th international conference on costal and port engineering in developing countries COPEDEC 2012, Chennai, India

19. A . Ilia, S . Mazaheri, **M . Allahyar** , **(2010)** "Comparison of statistical (Q-Q plot) and classical calibration methods in wave modeling Gulf"9th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

20. S. Rowe, H. Hafedh, F . Darabinia, **M . Allahyar (2010**), "Variability of different wind forcing for hydrodynamic models in the Persian Gulf" 9th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD

21. **M.Allahyar**., G. Ebrahimi, S. A. Haghshenas, M.Hosseini, R.Kamalian, A.Kebriaee , M. H.Nemati, M.Soltanpour **(2010)**, "Risk analysis of tsunamis generated by the Makran Fault on Iranian Coastlines of the Oman Sea", 9th International Conference on Coasts, Ports & Marine Structures, ICOPMAS, Tehran, Iran, CD (In Persian)

22. A.Shoushtarizadeh, **M. Allahyar**, A. Kebriaee, T. Tajalibakhsh **(2010)**, "Analytical comparison among oceangraphic instruments operations" , 9th international conference on Hydro- science and engineering (ICHE 2010), IIT Madras, Chennai, India

23. S. Rowe, H. Hajii, F. Darabinia, **M. Allahyar(2010)**, Variability of different at atmospheric forcing for Hydrodynamic models in the Persian Gulf, accepted in SymHydro 2010, France, CD

24. **Book** : M.Dibajnia, M.Soltanpour, R. Nairn,**M. Allahyar (2009)**:" Cyclone Gonu, the most intense tropical cyclone on record in the Arabian Sea, Indian Ocean Tropical Cyclones and Climate Change", Springer, pp. 149-157

25. **M.Allahyar** , A. Kebriaee, M. Nemati **(2009)** " Monitoring and modeling studies along the Hormozgan coastline" (in Persian) book of abstracts of 11th national conference on marine industries, Kish Ireland, Iran , 2009, p17

26. A. kebriaee, M. Dibajnia, **M.Allahyar (2009)**, G. Baradaran "Sedimentation study on hotspots Area in Chabahar bay" (in Persian) book of abstracts of 11th national conference on marine industries, Kish Ireland, Iran , 2009, p177

27. M. Hami, A. Zamani, **M.Allahyar (2009)** " A field measurement comparison of Iranian wave buoy and Oceanor company one" (in Persian)

book of abstracts of 11th national conference on marine industries, Kish Ireland, Iran , 2009, p170

28. M. Soltanpour, M. Dibajnia, **M. Allahyar (2009)** " Cyclone Gonu: Most intense Tropical Cyclone on record in the Arabian sea" book of abstracts of 1st International conference on Indian Ocean tropical cyclones & climate change, Muscat, Soltan of Oman , 2009, p34

29. **M. Allahyar (2008)**" Accuracy Investigation of Recorded Data by PSO's Wave buoys in Chabahar Zone" book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, 2008, pp 377-379

30. M. Dibajnia, A. Kebriaee, **M. Allahyar (2008)** " Wave climate hindcast for the Oman sea" book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, 2008, pp 29-31

31. Afshar, **M. Allahyar**, M. Hosseini, N. Chaichi, M. Allahdadi **(2008)**, "Investigation of flow-induced causes in Chabahar bay using field measurement data" (in Persian) book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, pp 37-39

32. **M.Allahyar,** A. Kebriaee, M. Dibajnia, F.Aghajani **(2008)**"_Optimum wave buoy network"(in Persian) book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, pp373-375

33. M. Hosseini , **M.Allahyar (2008)**" Monitoring of part of Sistan and Blouchestan province and experiences in measurement" (in Persian), book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, pp 73-75

34. M. Dibajnia, M, Soltanpour, **M.Allahyar (2008)** " shoreline change and sediment transport in Chabahar bay" book of extended abstracts of 8th International conference on Coasts, Ports and marine structures", Tehran, Iran, pp 49-51

35. Kebraiee, , **M.Allahyar**, M. Dibajnia **(2008)** " Iranian Oceanographic buoy network" poster at EMECS-8 International conference , Shanghai Oct. 2008, China

36. M.Soltanpour, B. Majidi, **M.Allahyar (2008)**" Natural hazard assessment over Iranian coastlines" book of abstracts of EMECS-8 International conference , Shanghai ,China, p40

37. M. Kolahdoozan, C. Pattiaratchi, M. Nazarali and **M. Allahyar** (2008) "Study on hydrodynamics and sediment transport in Imam Port Complex – field observations" 7th international conference on Coastal and Port Engineering in Developing Countries (COPEDEC VII), Dubai UAE, CD

38. B. Banijamali, **M. Allahyar (2008)** "Modeling of accelerated coastal erosion in the vicinity of the Amirabad Port due to newly constructed up drift structures" 7th international conference on Coastal and Port Engineering in Developing Countries (COPEDEC VII), Dubai, UAE, CD

39. M Kolahdoozan, C. Pattiaratchi, M. Nazarali and **M. Allahyar_(2008)** "Study on hydrodynamics and sediment transport in Imam Port Complex –

field observations" 7th international conference on Coastal and Port Engineering in Developing Countries (COPEDEC VII), Dubai, UAE, CD

40.   M. Dibajnia, M.Soltanpour, **M.Allahyar (2008)**; "Geomorphology and sediment transport in Chabahar Bay", 7th international conference on Coastal and Port Engineering in Developing Countries (COPEDEC VII), Dubai, UAE, CD

41.   **M.Allahyar**, A. Kebriaee; **(2007)** " Introduction of wave hindcast study in Caspian Sea" book of extended abstracts of International Geoscience Program IGCP, joint meeting and field trip, Gelendzik, Russia, pp 12-13

42.   M. Siadat, P. Badiee,A. Kjebriaee, A. Maraghei, **M. Allahyar (2006)**; "comparison of mathematical models to predict wind seas and field measurements at the southern part of Caspian sea" (in Persian) of 7th International conference on Coasts, Ports and marine structures", Tehran, Iran, p74

43.   B. Banijamali, A. Maraghei, **M. Allahyar (2006)**: "Modeling of accelerated coastal erosion in the vicinity of the Omarabad Port due to newly constructed up drift structures", book of abstracts of 7th International conference on Coasts, Ports and marine structures, Tehran, Iran, p95

44.   A.Kebiaee, A.Maraghei, **M.Allahyar (2006)**: "Monitoring and modeling study at some coastal parts of Sistan and bluchestan provinces" (in Persian), book of abstracts of 6th Iranian congress of Marine Science & Technology and 1st congress of Hydraulic, Tehran, Iran, p52

45.   M. Dibajnia, Douglas Scott, **M. Allahyar (2006)**,"Updated Oman Sea Hind cast and comparison of ISWM work", book of abstracts of 7th International conference on Coasts, Ports and marine structures ICOPMAS 2006, Tehran, Iran, book of Abstracts, p41

46.   **M.Allahyar**, M. Jandaghi Alaee ,M. Dolatshahi; **(2003)**"A comparison between different methods in measuring of wave parameters in Chabahar Port", book of extended abstracts of 6th International Conference on Coastal and Port engineering in Developing Countries, (COPEDECVI), Colombo, Srilanka, pp189-191

47.   **M.Allahyar**, M. Dolatshahi, M. Jandaghi Alaee **(2003)**; "Evaluation of some wave prediction methods"(in Persian), book of extended abstract of Hydraulic conference, Shiraz, Iran. pp 661-669

48.   **M. Allahyar**, M. Jandaghi Alaee , H. Mesghali **(2002)**:, " Evaluation of gathered data by PMO Buoys" (in Persian), presented at 5th International conference on Coasts, Ports and marine structures(ICOPMAS 2002), Ramsar, Iran, book of extended Abstract, pp99-103

Skills and Qualifications

Project management, coastal engineering, wave and sediment transport, Coastal zone management, Value engineering

Software

Microsoft office, FORTRAN, Mike 21, PMO dynamics, MATLAB

Languages

Persian: Native
English: Very Good