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Professional Experience:

Coastal Engineering

Education:

- Ph.D. Coastal Engineering , Bradford University , UK, 1997.
Thesis: Turbulence Modelling of Tidal Currents in Rectangular Harbours
- M.Sc. Hydraulic Structures , Tabriz University , Iran ,1991.
Thesis: Numerical and Experimental Investigation of Buckling of Steel Plates
- B.Sc. Civil Engineering (Water) ,Tabriz University, Iran ,1988.

Interests:
Numerical Simulation of Flow and Sediment Transport,
Turbulence Modelling,
Reservoir Sedimentation,
Scour Hydraulics

Language:
Persian, English

Teaching Experience:

In B.Sc:-
  1.Numerical Computations
  2.HYdraulics

In M.Sc:-
  1.Fundamentals of Marine Hydraulics
  2.Numerical Methods in Marine Engineering
  3.Coastal Engineering
  4.Computational Fluid Dynamics

In Ph.D:-
  1.Advanced Hydrodynamic
  2.Hydraulics Structures
  3.Computational Hydraulics
  4.Turbulence Theory
  5. Sediment Transport

Awards and Distinctions:

First-Rank in B.sc.
Iranian Water Engineering Festival (IWEF)

Translated Books:

Hydraulics in Civil and Environmental Engineering (in 2 Volumes)

Publications:

JCR & Scopus Indexed

JCR

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Presentations:

1. *Chehrehghosha, H. and Hakimzadeh, H. "Numerical Evaluation of Instantanous Hydrodynamic Forces Exerted on Offshore Piggy-back Pipeline Due to Steady Currents", Proceedings of 12th National Conference on Civil Engineering, Sahand University of Technology, Full paper in CD, 2020.*

2. *Asrari, S. and Hakimzadeh, H. "Experimental Investigation of Local Scour below a Piggy-back Pipeline Due to Steady Currents", Proceedings of 12th National Conference on Civil Engineering, Sahand University of Technology, Full paper in CD, 2020.*

3. *Tavakkoli Oskouei, M. and Hakimzadeh, H. "Three Dimensional Simulation of Siltation Due to Waves and River Currents in Anzali Port", Proceedings of 12th National Conference on Civil Engineering, Sahand University of Technology, Full paper in CD, 2020.*

4. *Chehrehghosha, H., Hakimzadeh, H. and Kardan, N. "Investigation on Instantanous Hydrodynamic Forces Exerted on Offshore Piggy-back Pipeline Due to Steady Currents", Proceedings of 18th Iranian Hydraulic Conference, University of Tehran, Full paper in CD, 2020.*

5. *Asrari, S., Hakimzadeh, H. and Kardan, N. "Computation of Local Scour beneath a Piggy-back Pipeline Using Flow-3D", Proceedings of 7th International Offshore Industries Conference, Tehran, Full paper in CD, 2019.*

6. *Tavakkoli Oskouei, M. and Hakimzadeh, H. "Three Dimensional Hydrodynamic Simulation in Anzali Port Using Mike 3", Proceedings of 11th National Conference on Civil Engineering, University of Shiraz, Book of Abstracts, Full paper in CD, 2019.*

7. *Tavakkoli Oskouei, M. and Hakimzadeh, H. "Numerical Simulation of Waves in Anzali Port Using Mike 21, Before and after Development of Breakwaters", Proceedings of 20th Marine Industries Conference, Tehran, Book of Abstracts, Full paper in CD, 2018.*

8. *Asrari, S. and Hakimzadeh, H. and Kardan, N. "Numerical Modelling of Local Scour below a Piggy-back Pipeline in Currents", Proceedings of 13th International Conference on Coasts, Ports & Marine Structures, ICOPMAS 2018, Full paper in CD.*

9. *Mohammadnejad, H. and Hakimzadeh, H. "Numerical Study of Sedimentation in Anzali Harbour Due to the North Western and North Eastern Waves with Respect to the Extended Breakwaters", Proceedings of 13th International Conference on Coasts, Ports & Marine Structures, ICOPMAS 2018, Full paper in CD.*

10. *Hakimzadeh, M. and Hakimzadeh, H. "Numerical Simulation of Tidal Dispersion of Contamination in a Model of Estuary", Proceedings of 13th International Conference on Coasts, Ports & Marine Structures, ICOPMAS 2018, Full paper in CD.*

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17. *Mohammadnejad, H. and Hakimzadeh, H. "Numerical Study of Sedimentation in Anzali Harbour Due to Northwest Waves with Respect to the Extended Breakwaters", Proceedings of 12th International Conference on Coasts, Ports & Marine Structures, ICOPMAS 2016, Full paper in USB.*

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21. *Bozorgi, A., Hakimzadeh, H, Sedaaghi, M.H., Ghazvini, H. and Hassankhani, R. " Investigation into Equilibrium and Stability of Semi-Submersible Rigs at Damage Condition", Proceedings of 6th International Offshore Industries Conference, Tehran, Book of Abstracts, Full paper in CD, 2015.*

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38. Arshad Shabkhaneh, B., Hakimzadeh, H. "Numerical and Experimental Investigations of the Flow Separation Phenomenon around Parallel Pipelines Due to Steady Currents", Proceedings of 13th International Marine Industries Conference, Kish Island, Book of Abstracts, Full paper in CD, 2011.

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