

Amin Hajjahmadi

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Experience

Project Manager

Hormozgan Regional Water Co

Jun 2020 - Present (3 years 5 months)

- Construction of Gabrik road and dam
- Reconstruction and improvement of Manab dam structures: Road and spillway
- Reconstruction and improvement of Jagin dam structures: Road
- Construction of protective levee in Minab River

Technical Office Expert

Hormozgan Regional Water Co

Dec 2013 - May 2020 (6 years 6 months)

- Evaluation of designed projects such as dams, irrigation and drainage networks, canals, water transmission lines, artificial feeding ponds, river management, flood management, Protective Levee, and Financial assessment.
- Analysis and review of harvest reports, maps and data
- Cost estimates and price-lists
- Writing technical reports
- Obtaining official and executive licenses
- Drawing a construction map using the software
- Development of projects goals and schedule
- Check legal and safety requirements
- Monitor soil tests
- Monitor surveying



Contractual Teacher

Islamic Azad University

2016 - 2018 (2 years)

Lesson: Fluid Mechanics, Hydraulics, Water and Sewerage Network Design.



Contractual Teacher

Islamic Azad University

2013 - 2013 (less than a year)

Lesson: Dynamics, Hydrology.

Contractual Teacher

Minab Technical and Vocational School

2012 - 2013 (1 year)

Lesson: Basics of project architecture.

Education



Shahid Bahonar University of Kerman

Ph.D

2014 - 2021

Ph.D. of Civil Engineering - Hydraulic Structures

Thesis Title: “ Evaluation of the types of input and output structures on energy depreciation of vortex drop shaft ”

Supervisor: Associate Professor Mahnaz Ghaeini-Hessaroezeh

Professor Mohammad-Javad Khanjani

This studies the physical model of the vortex drop shaft of the eastern Tehran sewage system, Iran, to measure the flow energy dissipation rate, the impacts of the inflow, the type of inlet structure and the type of dissipation chamber element on the flow energy dissipation rate were investigated. The experiments were conducted in the laboratory of hydraulic structures of Shahid Bahonar University of Kerman.

GPA: 17.60 of 20



University Of Hormozgan

Bachelor of Science (B.S.), Civil Engineering

2007 - 2011

Bachelor of Civil Engineering

GPA: 15.56 of 20

Sistan and Baluchistan University

Master of Science (M.Sc.), Hydraulic Structures

2011 - 2013

Master of Civil Engineering - Hydraulic Structures:

Thesis Title: “ Experimental Studies on Increasing Sedimentation Efficiency of Vortex Settling Basing by Using of Curvature Submerge Vane ”

Supervisor: Professor Mehdi Azhdari Moghadam

Associate Professor Mojtaba Sanei

In this study, efficiency and descaling of the basin were examined by using different combinations of submerged curved vanes by application of an experimental model. The experiments were performed on the vortex settling basin physical model of Karkheh Dam in Soil Conservation and Watershed Management Research Institute (scwmri), Tehran, Iran.

GPA: 17.84 of 20

Licenses & Certifications



Professional Civil Engineer - Iran Construction Engineering Organization (IRCEO)

23-3-0-03927

Skills

Vortex Drop Shaft • Education • Hydraulic Structures • Project Management • Contract Management •
Project Design • AutoCAD • Research • Experimentation • Vortex

Honors & Awards

2nd person in the master's degree. - Sistan and Baluchestan University of Zahedan,
Iran
2013

Top employee - Hormozgan Regional Water company
2015

Top employee - Hormozgan Regional Water company
2017

Top Researcher - Hormozgan Regional Water Company
2020

Top Researcher - Hormozgan Regional Water Company
2021