

Seyedabbas Karimi

Email: abas.krimi@gmail.com

Cellphone: +98(912)343-6141

EDUCATION

- 2001–2004 **M.S. in Civil Engineering -Hydraulic Structures**
University of Tehran ([UT](#))
- 1996–2001 **B.S in Civil Engineering - Water**
K.N. Toosi University of Technology ([KNTU](#))

RESEARCH INTERESTS

- Flood Hydrology
- Bridge Hydraulic
- Urban Drainage
- Scour at Bridge&Road

SOFTWARE SKILLS

Hydrology & Hydraulic:

- | | |
|---|--------|
| • Stormcad | Expert |
| • SWMM | Expert |
| • HEC-Ras River Analyzes System | Expert |
| • HEC-HMS Hydrologic Modeling System | Expert |
| • HECGeo HMS Hydrologic Modeling System | Expert |
| • Mike11 River Analyzes System | Expert |
| • Smada Hydrologic Modeling | Expert |

Geomatic:

- | | |
|----------|-----------|
| • ArcGIS | Competent |
|----------|-----------|

- GNSS Solution Expert
- Poly Work 10 Expert
- Civil 3D Expert

PROFESSIONAL EXPERIENCE AND EMPLOYMENT

- 2015–Present
 - Employer: Hamkaran Sarzamin Arya (Hamsa) Consulting Engineering Company
 - Responsibility: Managing Director
 - Duties:
 - Supervise the work of 20 employees
 - Manage more than 40 successful projects
 - Set goals and objectives and develop strategies to achieve results
 - Streamline operations and expenditures to reduce project implementation expenses without sacrificing the quality of the project outcomes
 - Boost employees' morale by introducing competitive schemes such as an 'employee of the month' initiative
 - Develop customer service protocols to boost efficiency
 - Identify areas for improvement and found ways to enhance them
 - Address: 1st Floor, No. 34, Mah Alley, Kowkab St., Sattarkhan St., Tehran, Iran, Postal Code: 1441844791
- 2009–2015
 - Employer: Hamkaran Sarzamin Arya (Hamsa) Consulting Engineering Company
 - Responsibility: Member of the Board of Directors and Technical Assistant
 - Duties:
 - Carefully managed projects to meet milestones during the agreed time and within budget confines
 - Attended meetings to discuss projects with clients, contractors, asset owners, and stockholders.
 - Created detailed plans and frequently monitored progress to ensure project goals were met.
 - Ensured that standards were all met and provided thorough directions with any unusual or difficult engineering issue

- Address: 1st Floor, No. 34, Mah Alley, Kowkab St., Sattarkhan St., Tehran, Postal Code: 1441844791
- 2006–Present
 - Employer: Maab Consulting Engineering Company
 - Responsibility: Manager of the Water Resources Engineer's Department
 - Duties:
 - Interpret topographical maps and raster datasets that identify suitable sites for continuous monitoring of major drainage basins
 - Supervise the working of 8 staff members during field operations and collect data from the site
 - Design several databases and developed spatial queries for each that achieve proper data archiving and retrieval mechanisms
 - Plan, perform, coordinate, and direct comprehensive studies of hydrologic systems in accordance with applicable authorizations, policy, and regulatory requirements
 - Perform water and fish sampling, install and remove streamflow gauges, and request and assess data in geotechnical reports

SCIENTIFIC EXPERIENCE

2012–2022	Teacher of Engineering Hydrology , University of Tehran (UT)
2006–2011	Teacher of Hydrology- Hydraulic and , Qazvin Islamic Azad University (Qazvin.IAU)

RESEARCH EXPERIENCE

2003–2004	Graduate Research Assistant , University of Tehran (UT) <ul style="list-style-type: none"> ● Sensitivity analysis of graded variable flow stream routing models
2007–2008	Main Member of the design team , Water Institute at University of Tehran <ul style="list-style-type: none"> ● Elaboration of Routes Hydrology Guideline for Ministry of Road and Urban Development
2009–2010	Main Member of the design team , Transportation Research Institute of the Ministry of Roads and Urban Development

- Guidelines for the design of return wall of bridges for Ministry of Road and Urban Development
- 2011–2012 **Project Manager**, University of Tehran, College of Engineering
- Elaboration of guidelines for the prevention and repair of bridges exposed to erosion for Ministry of Road and Urban Development

RELEVANT SKILLS

Business management
 Financial management
 Strategy development
 Human resources
 Marketing and advertising
 Excellent communication skills
 Ability to work under pressure
 Effective team management

PUBLICATIONS

- 2015
 - Iran Engineering and Water Science Conference: “Creating Intensity-Duration-Frequency Curves of Lamerd”
 - Iran Engineering and Water Science Conference: “Investigating the Effect of Multipurpose Use of Storage Tanks in the Surface Runoff Collection Network”
- 2019
 - The third international conference on Modern Horizons in Civil Engineering, Architecture and Urbanism: “Investigating the Static and Seismic Stability of Roads Embankment: the Case Study of the Embankment of the Abadan Bypass”

ENGLISH SKILLS

Reading	Very Good	Writing	Good
Listening	Good	Speaking	Good