

CURRICULUM VITAE

Personal Information

First Name: Amir Mohammad E-Mail: Amirmohammad.khalvati@gmail.com

Last Name: Khalvati

Birth Date: 18, March, 1996 Tel: (+98)9155724097

Researchgate:



Google Scholar:



Areas of Interest

- Advanced Concrete technology
- Structural optimization
- System engineering
- Sustainable development
- Chemistry of cement and mortar
- MD modeling
- Construction materials
- Durability of concrete
- Chemistry of cement
- Nano technology
- Recycle materials
- Environmental
- Admixtures

Educational Qualification

2019-Present M.Sc. in Structural Engineering, Hakim Sabzevari University, Sabzevar, Iran.

2014-2019 B.Sc. in Civil Engineering, Hakim Sabzevari University, Sabzevar, Iran.

Publications

- Conference Papers:
- Eskandari, H & **Khalvati, AM.** (2017). [Systems engineering method in effective Factors on Compressive Strength of Cement Mortar Using Response Surface.](#) 3th International Conference on Industrial and System Engineering, Mashhad, Iran.

Academic Teaching and Research Experiences

Sep 2019-Present Lab researcher and technical assistant, [Modern Concrete Technology Laboratory](#), Department of Civil Engineering, Hakim Sabzevari University.

- Administrated experimental studies in advanced concrete technology projects on recycle concretes and mortar include recyclable materials, high strength/high performance and molecular dynamic simulation.
- Operated Universal Testing Machine (Axial Fatigue Testing Machine - Servo Hydraulic 2000 kN) for performing different tests on the specimens.

Jan 2016-
Sep 2019

Research assistant, [Modern Concrete Technology Laboratory](#), Department of Civil Engineering, Hakim Sabzevari University.

- Studied the effect of different supplementary materials such as Micro-silica, Nano-silica and different cement strength class on the behavior of cement based materials.

Membership

2019-Present ICI-Iranian Concrete Institute

Language Proficiency

Persian: Native

English: Preparing for the TOEFL test

Arabic: Intermediate

Computer skills

Programming Languages: Minitab (Statistical analysis software), Design Expert (Statistical analysis software), Matlab (Numerical computing software).

Engineering Software: AutoCAD (Architectural/Drawing software), LAMMPS (Molecular Dynamics Simulator).

Civil Software: Tekla structure (Structural modeling/analysis software), Etabs (Structural design/analysis software), Safe (Foundation design/analysis software), Sap (Structural design/analysis software).

Project Management: MS Project (Project Portfolio Management software).

References

[Dr. Hamid Eskandari-Naddaf, Associate Professor](#)

Affiliation: Department of Civil Engineering, Hakim Sabzevari University, Sabzevar, Iran.

E-mail: h.eskandari@hsu.ac.ir

Tel: +98-51-44012789, 44412970

[Dr. Mojtaba Lezgy-Nazargah](#)

Affiliation: Department of Civil Engineering, Hakim Sabzevari University, Sabzevar, Iran.

E-mail: m.lezgy@yahoo.com

Tel: +98 51 44012784