

# *Journal of Engineering Geology*

## **Contents**

- S. Akbar, H. Ranjbar, S. Kariminasab, M. Abdolmaleki:**  
Assessment of landslide hazard with knowledge-driven fuzzy model & hybrid fuzzy-weight of evidence method in Maskoon area - Jiroft district
- Z. Dehghani, H. Mehrnahad:**  
Site effect microzonation of Ardakan city
- S. M. Fatemi Aghda, M. R. Mahdaviifar, V. Bagheri:**  
Seismic Landslides Hazard Zonation of Sarein, Iran (1997) Using Qualitative and Quantitative Methods
- A. Farhadi, A. Fakher, M. Zaree:**  
Numerical analysis of deformation modes of reinforced soil walls
- H. Ghasemzadeh, A. A. Abounouri:**  
Velocity and attenuation of compressional waves in patchy saturated geomaterials
- S. Mahdevari, F. Ayati:**  
Consideration of required thrust for tunnel excavation- Beheshtabad water conveyance tunnel
- K. Hedayat Nasab, A. Adib, K. Goshtasbi, M. Monjezi:**  
Verification of geotechnical data of Qazvin-Rasht tunnel using back analysis of instrumentation data

# *Journal of Engineering Geology*

Vol. 7, No.1  
Spring & Summer 2013

# Journal of Engineering Geology

**Executive Manager:** Fatemi Aghda, S.M., Associate Professor

**Editor-In-Chief:** Ghanbari A., Associate Professor

**Assistant Director:** Noorzad, A., Associate Professor

**Executive Manager:** Torabi, F.

## **Editorial Board:**

Fahimifar A., Professor

Fatemi Aghda S.M., Associate Professor

Ghafoori M., Professor

Ghanbari A., Associate Professor

Ghobadi M.H., Professor

Khamechian M., Professor

Lashkaripur Gh., Professor

Mehrabi B., Associate Professor

Nakhaei M., Associate Professor

Uromeihy A., Associate Professor

Pourkermani M., Professor

## **Co-Editors:**

Shadrouimanesh M., Associate Professor

Ataei, M. R., Associate Professor

## **Address:**

**Kharazmi University**

**No. 43, Mofateh Ave. - Zip Code: 15719-14911**

**P.B.: 15815-3587, Tehran, Iran**

**Tel: +98-21-88329212**

**Fax: +98-21-88825580**

**E-mail: [eng.geology@khu.ac.ir](mailto:eng.geology@khu.ac.ir), [jegeo1382@gmail.com](mailto:jegeo1382@gmail.com)**

**Web page: [jeg.ir](http://jeg.ir)**

Vol. 7, No.1  
Spring & Summer 2013

## Contents

**S. Akbar, H. Ranjbar, S. Kariminasab, M. Abdolmaleki:**

Assessment of landslide hazard with knowledge-driven fuzzy model & hybrid fuzzy-weight of evidence method in Maskoon area - Jiroft district

**Z. Dehghani, H. Mehrnahad:**

Site effect microzonation of Ardakan city

**S. M. Fatemi Aghda, M. R. Mahdaviifar, V. Bagheri:**

Seismic Landslides Hazard Zonation of Sarein, Iran (1997) Using Qualitative and Quantitative Methods

**B. Farhadi, A. Fakher, M. Zaree:**

Numerical analysis of deformation modes of reinforced soil walls

**H. Ghasemzadeh, A. A. Abounouri:**

Velocity and attenuation of compressional waves in patchy saturated geomaterials

**S. Mahdevari, F. Ayati:**

Consideration of required thrust for tunnel excavation- Beheshtabad water conveyance tunnel

**K. Hedayat Nasab, A. Adib, K. Goshtasbi, M. Monjezi:**

Verification of geotechnical data of Qazvin-Rasht tunnel using back analysis of instrumentation data