

Journal of Engineering Geology

Kharazmi University

Contents

M. Ghazavi, M. Moshfegh Yeganeh:

Mathematical Analysis of Lateral Earth Pressure Distribution
on Rigid Retaining Walls

A. Ghanbari, M. Mojezi, M. Fadaee:

A New Approach to Evaluate Seismic Stability of Asphaltic
Core Rockfill Dams

M. H. Ghobadi, R. Babazadeh, M. Mousivand:

Engineering geological investigations along the Tabriz
subway extension focusing on ground surface settlement,
northwestern Iran

A. Hamidi, P. Yarbakhti:

Constitutive modeling of cemented gravely sands including
the effects of cement type

Gh. Khanlari, R. Ghaderi Meybodi:

Evaluation of rockburst potential in second part of Karaj-
Tehran water conveyance tunnel

H. MolaAbasi, F. Kalantary, M. Salahi:

Uncertainty in Shear Wave Velocity Based on Standard
Penetration Test by Using Error Least Square Model

M. Shahrouzi, P. Derakhshani:

Effect of Matching Period-Interval Variation on Strong
Ground Motion Scaling

Journal of Engineering Geology

Vol. 6, No.2
Autumn 2012 & Winter 2013

Journal of Engineering Geology

Chief Editor: Fatemi Aghda, S.M., Ph. D.

Executive Editor: Ghanbari A., Ph. D.

Executive Manager: Noorzad, A., Ph. D.

Director: Torabi, F.

Editorial Board:

Fahimifar A., Ph. D.

Fatemi Aghda S.M., Ph. D.

Ghafoori M., Ph. D.

Ghanbari A., Ph. D.

Ghobadi M.H., Ph. D.

Khamechian M., Ph. D.

Lashkaripur Gh., Ph. D.

Mehrabi B., Ph. D.

Nakhaei M., Ph. D.

Uromeihy A., Ph. D.

Pourkermani M., Ph. D.

Co-Editors:

Shadrouimanesh M., Ph. D. and Ataei, M. R., Ph. D.

Address:

Kharazmi University

No. 43, Mofateh Ave. - Postal Code: 15719-14911

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

Tel: +98-21-88329212

Fax: +98-21-88825580

E-mail: eng.geology@khu.ac.ir, jegeo1382@gmail.com

Web page: jeg.ir

Vol. 6, No.2

Autumn 2012 & Winter 2013

Contents

M. Ghazavi, M. Moshfegh Yeganeh:

Mathematical Analysis of Lateral Earth Pressure Distribution
on Rigid Retaining Walls.....1459

A. Ghanbari, M. Mojezi, M. Fadaee:

A New Approach to Evaluate Seismic Stability of Asphaltic
Core Rockfill Dams1475

M. H. Ghobadi, R. Babazadeh, M. Mousivand:

Engineering geological investigations along the Tabriz
subway extension focusing on ground surface settlement,
northwestern Iran.....1501

A. Hamidi, P. Yarbakhti:

Constitutive modeling of cemented gravely sands including
the effects of cement type.....1525

Gh. Khanlari, R. Ghaderi Meybodi:

Evaluation of rockburst potential in second part of Karaj-
Tehran water conveyance tunnel.....1545

H. MolaAbasi, F. Kalantary, M. Salahi:

Uncertainty in Shear Wave Velocity Based on Standard
Penetration Test by Using Error Least Square Model.....1559

M. Shahrouzi, P. Derakhshani:

Effect of Matching Period-Interval Variation on Strong
Ground Motion Scaling.....1577