

## **I. PERSONAL INFORMATION**

Name: Ali Yassaghi

Address: Department of Geology, Basic Sciences Faculty, Tarbiat Modares University. P.O.Box: 14115-175, Tehran, Iran

Tel: +98-21-82883406

Fax: +98-21-82884435

E-mail: yassaghi@modares.ac.ir , yassaghi@yahoo.com

## **II. EDUCATIONAL RECORDS:**

Degree  
Institution  
Field  
Date

B.Sc  
Mashhad University  
Geology  
1986

M.Sc  
Tarbiat-Modarres University  
Structural Geology & Tectonics  
1990

Ph.D  
Adelaide University  
Structural Geology  
1998

## **III. ACADEMIC EXPERIENCES:**

Lecturer, Mashhad University, 1990-1994.

Assistant Professor, Tarbiat Modarres University, 1998-2006.

Associate Professor, Tarbiat Modares University, Since 2006

## **IV. MEMBERSHIP OF SCIENTIFIC SOCIETIES:**

- Geological Society of Iran
- Tunneling Association of Iran

#### V. RESEARCH INTERESTS:

- Structural Geometry of Zagros fold-thrust belt, Iran.
- Structural Analysis of Alborz Mountain Range, Iran.
- Implication of rock deformation (Geomechanics) in Civil works (Tunnels and Roads)

#### VI. SELECTED JOURNAL PAPERS :

- Alsouki, M., Riahi, M., A., and **Yassaghi, A.**, 2011, Seismic Imaging of sub-circular salt-related structures: evidence for passive diapirism in the Straits of Hormuz, Persian Gulf, *Petroleum Geoscience*, 17, 101-107.
- Babaahmadi, A., Safaei, H., **Yassaghi, A.**, Naeimi, A., and Madanipour, S., 2010, A study of Quaternary structures in the Qom region, west Central Iran, *J. of Geodynamics*, 50, 355-367.
- Babaahmadi, A., **Yassaghi, A.**, Naeimi, A., and Taghipour, S., 2010, Mapping Quaternary faults in the west of Kavir Plain, north-central Iran, from satellite imageries, *Int. J. Remote Sensing*, 31 (19), 5111-5125.
- Nemati, M., **Yassaghi, A.**, 2010. Structural Characteristics of the transitional zone from internal to external parts of the Zagros orogen, Iran. *J. of Asian Earth Science*, 39, 161-172.
- Farzipour-Saein, A., **Yassaghi, A.**, Sherkati, S. and Koyi, H., 2009, Basin evolution of Lurestan region in Zagros fold-thrust belt, Iran. *Journal of Petroleum Geology*, Vol. 32, 5-20
- Farzipour-Saein, **A., Yassaghi, A.**, Sherkati, S., Koyi, H., 2009. Mechanical stratigraphy and folding style of the Lurestan region in the Zagros Fold-Thrust Belt, Iran. *Journal of the geological Society, London*, **166**, 1101-1115
- Iranpanah, N., Mohammadzadeh, M., Vahidi Asl, M.Q. & **Yassaghi, A.**, 2009. Spatial data analysis of finite strain data across a thrust sheet using R. *Computer & Geosciences*, **35**, 626-634.
- Yassaghi, A.** & Madanipour, S., 2008, Influence of a transverse basement fault on along-strike variations in the geometry of an inverted normal fault: case study of the Mosha Fault, Central Alborz Range, Iran. *Journal of Structural Geology*, Vol. 30, 1507-1519.
- Ehteshami-Moinabad, M. & **Yassaghi, A.**, 2007, Geometry and Kinematics of Mosha fault, Central Alborz Range, Iran, *J. of Asian Earth Sci.*, 29 (5-6), 928-938.
- Yassaghi, A.**, 2006, Integration of landsat imagery interpretation and geomagnetic data on verification of deep-seated transverse fault lineaments in SE Zagros, Iran, *Int. J. of Remote Sensing*, 56(12), 152-167.
- Yassaghi, A.** & Salari-Rad, H., 2005, Squeezing rock conditions at an igneous contact zone in the Taloun Tunnels, Tehran-Shomal Freeway, Iran: A case study. *Int. J. of Rock Mech. & Mining Sci.*, 42(1), 95-108.
- Yassaghi, A.**, Salari-Rad, H. & Moghadam, H., 2005, Geomechanical evaluations of Karaj tuffs for rock tunneling in Tehran-Shomal Freeway, Iran, *Eng. Geology* 77 (2), 83-98.
- Yassaghi, A.**, James, P.R., Flottmann, T. & C. N. Winsor, 2004, PT-conditions and kinematics of shear zones from the southern Adelaide Fold-Thrust Belt, South Australia: insights into the dynamics of a deeply eroded orogenic wedge. *Aust. J. of Earth Sci.*, 51(2), 301-317.
- Yassaghi, A.**, James, P.R. & Flottmann, T., 2000, Geometry and kinematics of asymmetric ductile shear zones in thrust sheets, southern Adelaide Fold-Thrust belt, S.A., *J. of Struct. Geol.*, 22 (9), 889-912.

#### VII. SELECTED CONGRESSES AND SEMINARS PAPERS

- Yassaghi, A.**, 2010, Structure of Zagros suture zone, Iran. 7th AOGS, Hyderabad, India.
- Yassaghi, A.**, 2009, Kinematics of Earthquakes in Central Alborz, Iran, 6th AOGS, Singapore, Singapore.
- Yassaghi, A.**, 2008, Structural Geometry of Taleqan Mountains in Central Alborz Range; constrains for the range left-lateral transpression followed inversion tectonics, AOGS 2008, Busan, Korea.
- Yassaghi, A.**, 2007, Kinematics of transverse faulting on Zagros Fold-Thrust belt, an evidence for structural inheritance and reactivation in young fold belt, 6th Int. Sympo. on Eastern Mediterranean Geology, Amman, Jordan.
- Yassaghi, A.**, 2005, The effect of deep-seated transverse faults on structural evolution of west-central Alborz mountains, EGU 2005 Conference, Vienna,

Austria.

Salari-Rud, H., Hosseini, A. H. & **Yassaghi, A.**, 2004, Stability analysis of twin tunnel entrances in sloping ground surface conditions by 3D FEM. SEMC 2004 Conference, Cape Town, South Africa.

Davoudi, Z. & **Yassaghi, A.**, 2004, Effect of Basement Tectonics on Hydrocarbon Prospective in Zagros, Iran, Middle East Petroleum Geoscience Conference, Bahrain

**Yassaghi, A.**, & Kanani-Moghadam, H., 2002, Geotechnical investigation and assessment for design of Alborz Tunnel, Iran, 28th world Tunnel Congress, Sydney, Australia

**Yassaghi, A.**, Salari-Rad, H., & Jafari, M., 2002, Taloun-service tunnel, the challenges on construction and support, 28th world Tunnel Congress, Sydney, Australia

**Yassaghi, A.**, 2001, Inversion tectonics in central Alborz Range, European Union of Geosciences (EUG XI), France, Abstract

**Yassaghi, A.** & Kanai-Moghadam, H., 2001, Implication of engineering rock mass classification in design and construction of Talon pilot tunnel, 3rd Asian symposium on Engineering Geology and the environment, Indonesia, Extended Abstract.

**Yassaghi, A.**, 2001, Implication of landsat images on verification of deep-seated transverse faults in SE Zagros Fold-Thrust belt, Iran, GSA 2001 Annual Meeting, Geological Society of America, U S A, Abstract.

### VIII. LECTURE COURSES:

Undergraduate Structural Geology, Tectonics, Mapping and Photogeology Courses for BSc student of Geology (Mashhad University, Mashhad, Iran)

Undergraduate Geology and Structural Geology Courses for BSc students of Oil Engineering (Sharif University of Technology, Tehran, Iran; Abadan Faculty of Oil Engineering, Abadan, Iran)

Graduate Advanced Deformation, Seismotectonics, Experimental Tectonics and Geotectonics Courses for MSc students of Tectonics (Tarbiat Modares University, Tehran, Iran)

Graduate Strain Analysis and Faulting Courses for PhD students of Tectonics (Tarbiat Modares University, Tehran, Iran)

### IX. GRADUATED Ph.D STUDENTS:

Nemati, M., Thesis title: Geometry, Kinematics, and Spatial and Temporal evolution of Thrust System of High Zagros Fold- Thrust Belt, Iran, 2005-2009 .

Farzipour-Saeen, A., Thesis title: Folding style and structural evolution of Lurestan region (Zagros fold-thrust belt) with lay emphasis on hydrocarbon aspects, Iran, 2006-2009 .

Davoudi, Z., Thesis title: Geometry and Kinematics of the Izeh fault zone, Zagros Fold- Thrust Belt, Iran, 2007-2011

### X. GRADUATED M.Sc STUDENTS (NO):