

Curriculum Vitae

Personal Information:

First Name: Mahmoudreza Last Name: Heyhat
Phone: +98 9151633774
Born in Sep. 1967 Birjand-Iran
University Of Birjand , Birjand, Iran
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Education:

-**Shiraz University, Shiraz**, Structural Geology, Ph.D., 2009
Title of Thesis:
Structural and Micro-structural Analysis Shear zones in the Zagros Thrust System, Dehbid (Fars Province)
-**Tarbiat Modarres University, Tehran**, Structural geology and Tectonics, M.Sc., 1998
Title of Thesis:
Structural Analysis in Mountains North of Birjand (East Iran)
-**Tehran University, Tehran**, geology, B.Sc., 1990

Educational and Work Experiences:

A) Educational Experience

1- Teaching the following courses from 1998-2003;
Structural Geology, Tectonics, Advanced Tectonics, Photogeology, Geology of Iran, Field Geology, Physical Geology
2-As an Supervisor in Preparation of 15 B.Sc. Thesis from 1998 - 2003 in
Faculty of Science in Birjand University and Exploration mining
Department in Birjand university, Birjand, Iran.

B) Administrative Experiences

Director of Exploration mining Department,
September 2001- September 2003
University of Birjand
Birjand, Iran.

Computing Skills:

Drawing structural and tectonic map with AutoCAD, Photoshop and Corel Draw programs, SSWIN program, Wintek and some other geological programs

Current Research Interest:

Shear zones, mylonitization and Transpressive duplex, Microtectonics

Publication:

- 1- **Heyhat M.R.** and Faghih A., 2006, Structural and Deformation Analysis Based on Paleostress Pattern, A case Study in the East of Iran, the 6th international conference on the geology of the Middle East, UAE University, United Arab Emirates
- 2- Faghih A. and **Heyhat M.R.**, 2006, A New Interpretation of Salt Domes Distribution and Strike-Slip Faults Interaction in the Salt Province, Southwestern Iran, the 6th international conference on the geology of the Middle East, UAE University, United Arab Emirates
- 3- **Heyhat. M. R** and Sadeghi .M ., Enhancement of Iron Oxide and Clay minerals use of remote sensing and Crosta technique. A case study from Birjand area, Iran
- 4- Sarkarinejad, **M.R. Heyhat**, A. Faghih., 2007, Deformation conditions, Kinematics, and displacement history in Dehbid Shear Zones, Iran, Geophysical Research abstracts, Vol. 9, 00716, 2007- European Geosciences Union 2007
- 5- Sarkarinejad, A. Faghih., **M.R. Heyhat**, 2007, Tectonic evolution of accretion- and collision-related structures in southern Iran, Geophysical Research abstracts, Vol. 9, 00717, 2007- European Geosciences Union 2007
- 6- Faghih, A., Farhoudi, G., **Heyhat, M.R.**, Gorbani, H., Rahnamarad, J, 2007. Some enigmatic aspects of salt domes in southern Iran and in the Persian Gulf. Journal of geomorphology (under review).
- 7- Sarkarinejad, K., Faghih, A., **Heyhat, M.R.** 2007. Structural implication of tectonic mélange in the oblique convergent zone interpretation. 25th symposium of Geosciences, Geological Survey of Iran (in Persian with English Abstract)
- 8- Present-day tectonic regime and stress patterns from the formal inversion of focal mechanism data, in the North of Central-East Iran., Journal of African Earth Sciences ., 2015 p111., Naimi- Khatib- Nazari- Heyhat
- 9- Asses the potential of geothermal resources using fuzzy logic and binary index overlay (Case Study South Khorasan province eastern Iran) Journal of Tethys 2016 Heydari-Hamidi-Heyhat
- 10- Fractal dimension and earthquake frequency magnitude distribution in the North of Central East Iran Blocks (NCEIB) Geopersia ISC., 2016 Naimi-Khatib-Nazari-Heyhat.

- 11- Deformation Condition Determination and Strain Analysis
Application of Microstructural and Microthermometry Study of the
Zamanabad Shear Zone
(East of Iran)., Geotectonics 2017., Abbasi- Heyhat- Gholami-
Zarrinkoub.
- 12-Evidence for distributed active strike-slip faulting in NW Iran: The
Maragheh and Salmas fault zones., tectonophysics., Taghipour-Khatib –
Heyhat-Shabanian-Vaezi.
- 13-Regional variations and earthquake frequency-magnitude distribution
and fractal dimension in the North of central-east Iranblock(NCEIB)
Arabian Journal of geosciences., 2018 ., Naimi-Khatib-Nazari-Heyhat.
- 14-Geometrical and Kinematic Analysis and Eeperimental Modeling
Duplexes of Khunik., Current world Environment., India 2015 10
Hamidi- Heyhat-Khatib-Heydari

Fields of Interest:

-Structural geology	- Microtectonics
-Remote Sensing	-Field geology