

Education

Ph.D. in Geophysics

University of Houston, Houston, Texas, USA.

Dissertation: “ Investigation of Reflectivity Series”

M.Sc degree in Geosciences , “ petrographical and petrophysical Analysis in Zagros Oil Field”
Shahid Beheshti University, Iran.

Occupation License for Mining Engineering , Iranian Mining Engineering Organization, .

Experience

-Graduate Teaching Assistant, University of Houston, Texas, USA.

-Instructor , Shahid Beheshti University, Tehran, IRAN.

X-Ray laboratories, GeoSciences Laboratories.

Published papers

-Maria Amirzadeh, Sadat Feiznia, “ Microfacies and Sedimentary Environment In Neritic Sarvak Formation In Zagros Basin (Izeh Zone, Siah-Eshger Anticlinal)” Iranian Journal of Geology, Shahid Beheshti University, Vol.2, pp7-18, 2003.

-M.Amirzadeh, Sadat Feiznia, Bahram Movahed, “Microfacies Analysis, Sedimentary Environment and diagenetic Processes in Sarvak Formation(Pelagic), at the Mokhtar Section in the South West of Iran”, The 20TH Symposium on Geosciences, Vol.9, pp.14-19, Tehran, 2002.

-Maria Amirzadeh, Sadat Feiznia, “Investigation of Sedimentary Environment, Diagenesis Carbonate Origin and Clay Mineral Determination of Sarvak Formation by Well Logging in Karanj Oil Well No.12” The 24th Symposium on Geo Science, V.2, pp.194-210, Tehran, 2006.

-Ahmad R. Rastkar, Babak Shokri, Mojtaba Kabir, **Maria Amirzadeh**, Mohammad R. Rahimpour, “Nanoparticles Effect of Methane Pressure on the Size of Carbon Nanoparticles

Deposited by Pulsed Plasma Enhanced Chemical Vapor Deposition” PSE Proceedings, Volume 6 Issue S1, Pages S855 - S859, Aug 2009.

-R. Rastkar , A. Kiani, B. Shokri, **M. Amirzadeh**, “Effect of pulsed plasma nitriding on mechanical and Tribological performance of Ck45 steel”, 3rd International Meeting on Developments in Materials, Processes and Applications of Emerging Technologies (MPA-2009), Manchester, UK, July 6-8, 2009.

-R. Rastkar , F. Alvand, B. Shokri, **M. Amirzadeh**, “Surface properties of plain carbon steel treated by direct current plasma electrolytic nitrocarburizing”, 3rd International Meeting on Developments in Materials, Processes and Applications of Emerging Technologies (MPA-2009), Manchester , UK , July 6-8, 2009.

-F. Alvand, R. Rastkar , A. Kiani, B. Shokri, **M. Amirzadeh**, “To study effective parameters on the thickness and hardness nitro-carburized layer by using pulsed plasma nitriding method on the CK45 steel”, 10th National Meeting on surface engineering .Isfahan, Iran, May 19-20, 2009.

-F. Alvand, R. Rastkar , A. Kiani, **M. Amirzadeh**, “To study the surface parameters of the CK45 steel which has been nitro-carburized by using pulsed plasma nitriding process ”, 10th National Meeting on surface engineering .Isfahan, Iran, May 19-20, 2009.

-A.R.Rastkar, A.R.Niknam, B.Shokri, S.Babaei, **M.Amirzadeh**, “Production of Nanocrystalline Aluminum Oxide Layers Through a Modified Pulse DC Plasma Electrolytic Oxidation of Aluminum” International Meeting on Developments in Matterials, Processes & Applications Of Nanotechnology, MPA2008, University of Cambridge(UK), January 2008.

-A.R.Rastkar, A.R.Niknam, B.Shokri, M.Kabir, **M.Amirzadeh**, M.R.Rahimpour “Plasma Enhanced CVD of Graphite Nano Particles From Methane at Low Temperatures” International Meeting on Developments in Matterials, Processes & Applications Of Nanotechnology, MPA2008, University of Cambridge(UK), January 2008.

-**M. Amirzadeh**, "Revision of Geology Book for Pre-University Students", Press Sogand, Iran,2009

Special awards and fellowships

-“Applied Exploration Trainee Program for Professional Engineers”, Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO) & Ingenieurge sell Schaft Geotechnik and Bergbau mbH, ERCOSPLAN, Germany ,2004.

-“Technical Services in Mines”, Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO), 2004.

-“Designing Firing Operations Projects”, Iran Mines and Minerals Industries Development and Renovation (IMIDRO), 2004.

-“Technical Responsibility of Mines”, Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO), 2004.

-“Remote Sensing on Mineral Exploration”, Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO), 2004.

-“Methods of Exposed Mines Exploration”, Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO)

ACHIEVEMENTS

Hess Scholarship for Outstanding Student in Geophysics, Apr. 2014

Hess Scholarship for Outstanding Student in Geology, Apr. 2013

SEG Scholarship for Outstanding Student in Geology, Sep. 2013

MEMBERSHIPS

Society of Exploration Geophysicists (SEG)

American Association of Petroleum Geologists (AAPG)

European Associations of Geoscientists & Engineers (EAGE)

Iran Mines and Minerals Industries Development and Renovation Organization (IMIDRO)