

CURRICULUM VITAE

PERSONAL DATA

Name: Dr. Alireza Zarasvandi



Date and place of birth: 18/06/1975 Masjed-Soliman (MIS), Khouzestan Province, Iran

Marital Status: Married, one daughter and one boy.

Nationality: Iranian

Profession: Economic Geology, Geochemistry and Environmental Geochemistry.

Permanent Address:

Zarasvandi, Alireza, Department of Geology, Faculty of Earth Sciences, Shahid Chamran University (SCU), Ahvaz, Iran

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CURRENT POSITION

1-Prof. Economic Geology and Geochemistry, Shahid Chamran University (SCU), Ahvaz, Iran.

2-Vice-Chancellor for Research and Technology Shahid Chamran University (SCU), Ahvaz, Iran (2011-2012)

3- Vice-Chancellor for Training and Education, Shahid Chamran University (SCU), Ahvaz, Iran (2013-2014)

3- Editor in Chief: Iranian Journal of Advanced Applied Geology (2013 till now).

4-Head of Iranian National Elites Foundation (2014 till now).

RESEARCH INTERESTS

Ore deposits geochemistry, ore deposits geodynamic setting, geochemical exploration, Environmental geochemistry and Medical Geology.

ACADEMIC EDUCATION

- **1993 - 1997: B.Sc.** In Geology, Ahvaz Shahid Chamran University, Ahwaz, Iran
- **1997 - 2000: M.Sc** in Economic Geology, Shiraz University, Shiraz, Iran
- **2000-2003: Ph.D** in Economic Geology, Shiraz University, Shiraz, Iran
- **Present: Ph.D.** in Economic Geology, Professor of Ahvaz Chamran University.

LANGUAGES

Persian, English, Arabic

AWARDS, HONORS AND SCHOLARSHIPS

1. Top of class student in BSc degree and MSc degree
2. Top score student in comprehensive examination for PhD
3. Scholarship: Iran Ministry of sciences, Research, and Technology [Ph.D.]
4. Scholar visit at Dalhousie University, Canada; Iran Ministry of sciences, Research, and Technology (2003, During Ph.D.)
5. Distinctive Young Researcher in Ahvaz Chamran University (2004-2005-2006).
6. Distinctive Researcher in Research Projects with Industries in the University (2008).
7. Distinctive Researcher in the Faculty of Earth Sciences (2010).
8. Best Research Management and Leadership in Iran (2011).
9. Distinctive Researcher in the Khuzestan Province (2012)
10. Distinctive Young Researcher in Iranian academy of science (2015).
11. Distinctive geologist in 18th symposium of geological society of Iran (2015).

MEMBERSHIPS

1. Crystallography and Mineralogy Society of Iran
2. Geological Society of Iran
3. Society of Economic Geology of Iran
4. Atlantic Geosciences Society, Canada
5. Society of Economic Geologists, Littleton, Colorado ,USA
6. Mineralogical Association of Canada
7. Iranian Academy of Science

THESIS

1. **M.Sc (2001):** Geochemical studies and mining evaluation of Karkheh River sediment, Khuzestan province, Iran (Shiraz University).
2. **Ph.D (2004):** Magmatic and structural controls on localization of the Darreh-Zerreshk and Ali-Abad porphyry copper deposits, Yazd province, Iran (Shiraz University).

PROFESSIONAL EXPERIENCE

1. Dean of Public Relations Center of the 12th crystallography and mineralogy conference of Iran, Ahvaz, Iran.
2. Vice-President of Khuzestan Technology Incubator center (2005-2006).
3. President of Khuzestan Technology Incubator center (2006).
4. Director of University and Industrial relation office, Shahid Chamran University, Ahvaz, Iran (2006 to 2009).
5. Vice-Chancellor for Research and Technology, Shahid Chamran University (SCU), Ahvaz, Iran
6. Vice-Chancellor for Training and Education, Shahid Chamran University (SCU), Ahvaz, Iran (2013-2014)
7. Chief of the 3th meeting of society of Economic Geology of Iran
8. Key note speaker in the 13th Iranian Soil Science Congress. Ahvaz, Iran

Teaching (courses and laboratories):

1. During PhD & Msc, 2001-2004 Teaching assistant for Mineralogy, Igneous petrology courses and laboratories.
2. Mineralogy of silicates and non-silicates, metamorphic petrology, mineralogy, economic geology (under-graduate students).

3. Igneous and Metamorphic deposits, Ore reserve estimation, Geochemical Exploration, Isotope Geochemistry, Analytical Methods in Geochemistry, Medical Geology, Principal of Environmental Sampling (Graduate Students)
4. Fluid Inclusion Micro-thermometry, Rare Earth Elements Geochemistry, Metallogenesis of Special Metals, Geochemistry of Hydrothermal Ore Deposits (PhD Students of Economic Geology)
5. Geothermal and Hydrothermal systems (PhD Students of Hydrogeology)

SKILLS

WINDOWS System, Word, PowerPoint, Photoshop, Excel and Geological software (Minpet, Surfer, Stereonet, Rockwork).

JOURNAL PUBLICATIONS

Publications in the International Refereed Journals and Books

1. **Zarasvandi, A.**, Rezaei, M., Sadeghi, M., Pourkaseb, H., Sepahvand, M., 2016. Rare-earth element distribution and genesis of manganese ores associated with Tethyan ophiolites, Iran: A review. *Mineralogical Magazine* **80**, 127-142.
2. **Zarasvandi, A.**, Pourkaseb, H., Sepahvand, M., Raith, J.G., Rezaei, M., 2016. Tracing of hydrothermal ore forming process in the Sorkhvand manganese deposit, Kermanshah Province, Iran. *Arabian Journal of Geoscience* **9**, 109-133.
3. Zamanian, H., Ahmadnejad, F., **Zarasvandi, A.**, 2016. Mineralogical and geochemical investigations of the Mombi bauxite deposit, Zagros Mountains, Iran. *Chemie der Erde - Geochemistry* **76**, 13-37.
4. Salamab Ellahi, S., Taghipour, B., **Zarasvandi, A.**, Bird, M.I., Krimzedeh Somarin, A., 2016. Mineralogy, Geochemistry and Stable Isotope Studies of the Dopolan Bauxite Deposit, Zagros Mountain, Iran. *Minerals* **6**, 1-21.
5. Nejadhadad, M., Taghipour, B., **Zarasvandi, A.**, Krimzedeh Somarin, A., 2015. Geological, geochemical, and fluid inclusion evidences for the origin of the Ravanj Pb–Ba–Ag deposit, north of Delijan city, Markazi Province, Iran. *Turkish Journal of Earth Science* **24**, 1-22.
6. **Zarasvandi, A.**, Rezaei, M., Lentz, D., Azimzadeh, Pourkaseb, H., 2015. Geochemistry and Fluid characteristics of the Dalli porphyry Cu-Au Deposit, Central Iran. *Journal of Asian Earth science* **111**, 175-191.
7. **Zarasvandi, A.**, Rezaei, M., Sadeghi, M., Lentz, D., Adelpour, M., Pourkaseb, H., 2015. Rare earth element signatures of economic and sub-economic porphyry copper systems in Urumieh–Dokhtar Magmatic Arc (UDMA), Iran. *Ore Geology Reviews* **70**, 407-423.
8. Keshavarzi, B., Yavarashayeri, N., Irani, D., Moore, F., **Zarasvandi, A.**, Salari, M., 2015. Trace elements in urinary stones: a preliminary investigation in Fars province, Iran. *Environmental Geochemistry and Health* **37**, 377-389.

9. Chitsazan, M., Faryabi, M., **Zarasvandi, A.**, 2015. Evaluation of river-aquifer interaction in the north part of Dezful - Andimeshk district, SW of Iran. ***Arabian journal of Geoscience* 8, 7177-7189.**
10. **Zarasvandi, A.**, Rezaei, M., Lentz, D., Pourkaseb, H., Karevani, M. The Kasian Volcanic Rocks, Khoramabad, Iran: Evidence for a Jurassic Intra-Oceanic Island Arc in Neo-Tethys Ocean. ***Iranian Journal of Science and Technology* 39A2, 165-178.**
11. Asadi, S., Mathur, R., Moore, F., **Zarasvandi, A.**, 2015. Copper isotope fractionation in the Meiduk porphyry copper deposit, Northwest of Kerman Cenozoic magmatic arc, Iran. ***Terra Nova* 27, 36–41.**
12. **Zarasvandi, A.**, Carranza, E.J.M., Heidari, M., Mousapour, E., 2014. Environmental factors of urinary stones mineralogy, Khuzestan province, Iran. ***Journal of African Earth Sciences* 97, 368–376.**
13. Asadi, S., Moore, F., **Zarasvandi, A.**, 2014. Discriminating productive and barren porphyry copper deposits in the Southeastern Part of the Central Iranian Volcano-Plutonic Belt, Kerman Region, Iran: A review. ***Earth-Science Reviews* 138, 25-46.**
14. **Zarasvandi, A.**, Zaheri, N., Pourkaseb, H., Charchi, A. 2014. Geology, geochemistry and fluid inclusion of Farsesh barite deposit, Lorestan, Iran. ***Geologos* 20, No 3, 201-214.**
15. Asadi, S., Moore, F., **Zarasvandi, A.**, Khosrojerdi, M., 2013. First report on the occurrence of CO₂-bearing fluid inclusions in the Meiduk porphyry copper deposit, Iran: implications for mineralisation processes in a continental collision setting. ***Geologos* 19, No. 4, 301–320.**
16. **Zarasvandi, A.**, Lentz, D., Rezaei, M., Pourkaseb, H., 2013. Genesis of the Nasirabad manganese occurrence, Fars province, Iran: Geochemical evidences. ***Chemie der Erde* 73, 495-508.**
17. **Zarasvandi, A.**, Sameti, M., Sadeghi, M., Rastmanesh, F., Pourkaseb, H., 2013. The Gol-e-Zard Zn-Pb Deposit, Lorestan Province, Iran: a metamorphosed SEDEX deposit. ***Acta Geologica Sinica* 88, No. 1, 142-153.**
18. **Zarasvandi, A.**, Liaghat, S., Lentz, D., Hossaini, M., 2013. Characteristics of Mineralizing Fluids of the Darreh-Zerreshk and Ali-Abad Porphyry Copper Deposits, Central Iran, Determined by Fluid Inclusion Microthermometry. ***Resource Geology* 63, No. 2, 188-209.**
19. **Zarasvandi, A.**, Heidari, M., Sadeghi, M., Mousapour, E., 2013. Major and Trace Element Composition of Urinary Stones, Khuzestan Province, Southwest, Iran. ***Journal of Geochemical Exploration* 131, 52-58.**
20. **Zarasvandi, A.**, Foroughinia, A., Pourkaseb, H., Charchi, A., 2013. Stable isotopes geochemistry of the bauxite horizons in the Dehdasht area, southwest Iran. ***Iranian Journal of Science & Technology* 37, 189-197.**

21. **Zarasvandi, A.**, Carranza, E.J.M., Salamab Ellahi, S., 2012. Geological, geochemical, and mineralogical characteristics of the Mandan and Deh-now bauxite deposits, Zagros Fold Belt, Iran. ***Ore Geology Reviews*** 48, 125-138.
22. **Zarasvandi, A.**, Carranza, E.J.M., Moore, F., Rastmanesh, F., 2011. Spatio-temporal occurrences and mineralogical–geochemical characteristics of airborne dusts in Khuzestan Province (southwestern Iran). ***Journal of Geochemical Exploration*** 111, 138–151.
23. Sabouri, R., Afkhami, M., **Zarasvandi, A.**, Khodadadi, M., 2011. Correlation Analysis of Dust Concentration and Water Quality Indicators. ***International Journal of Environmental Science and development*** 2, No. 2, 91-97.
24. **Zarasvandi, A.**, Zamanian, H., Hejazi, E., 2010. Immobile Elements and Mass Changes Geochemistry at Sar-Faryab Bauxite Deposit, Zagros Mountains, Iran. ***Journal of Geochemical Exploration*** 107, 77–85.
25. **Zarasvandi, A.**, Mirzaee, S.Y., 2009. Geochemistry of the Karkheh River Sediments, Khuzestan Province, Iran: Evidences for Natural Contamination. ***Research Journal of Applied Sciences*** 4, 35-40.
26. Moosavi, M.H., **Zarasvandi, A.**, 2009. Geochemistry of urban soils in the Masjed – i - soleiman (MIS) city, Khuzestan, Iran. ***Research Journal of environmental Science*** 3, 392-399.
27. Chitsazan, M., Dorranejad, M.S., **Zarasvandi, A.**, Mirzaii, S.Y., 2009. Occurrence, distribution and source of arsenic in deep groundwater wells in Maydavood area, southwestern Iran. ***Environmental Geology*** 58, 727–737.
28. Abdollahi, M.J., Karimpour, M.H., Kheradmand, A., **Zarasvandi, A.**, 2009. Stable Isotopes (O, H, and S) in the Muteh Gold Deposit, Golpaygan Area, Iran. ***Natural Resources Research*** 18, No. 2, 137-151.
29. **Zarasvandi, A.**, Charchi, A., Carranza, E.J.M., Alizadeh, B., 2008. Karst bauxite deposits in the Zagros Mountain Belt, Iran. ***Ore Geology Reviews*** 34, 521–532.
30. **Zarasvandi, A.**, Liaghat, S., Zentilli, M., Reynolds, P.H., 2007. $^{40}\text{Ar}/^{39}\text{Ar}$ Geochronology of Alteration and Petrogenesis of Porphyry Copper-Related Granitoids in the Darreh-Zerreshk and Ali-Abad area, Central Iran. ***Exploration and Mining Geology*** 16, 11-24.
31. **Zarasvandi, A.**, Liaghat, S., Carranza, J.E.M., 2006. Geology of the Ali-Abad porphyry copper deposit, central Iran. ***Journal of Geological Society of Iran (JGSOI)*** 1, 73-84.
32. **Zarasvandi, A.**, Liaghat, S., Zentilli, M., 2005. Geology of the Darreh-Zerreshk and Ali-Abad porphyry copper deposit, central Iran. ***International Geology Reviews*** 47, 620-646.
33. **Zarasvandi, A.**, Liaghat, S., Zentilli, M., 2005. Porphyry Copper Deposits of the Urumieh-Dokhtar Magmatic Arc, Iran; in Porter, T.M. (Ed.), *Super Porphyry Copper&Gold Deposits: A Global Perspective*; **PGC Publishing, Adelaide, Australia**, v.2, p. 441-452.

34. Karimzadeh, S., Liaghat, S., Hosseini, M., **Zarasvandi, A.**, 2005. Skarn deposits in Iran. Society of Economic Geologists, *100th Anniversary volume, Economic Geology*, 229-336.
35. **Zarasvandi, A.**, Liaghat, S., 2003. Prospecting and Economic Evaluation of Heavy Mineral in Karkheh River Sediments, Khuzestan Province, Iran, *5th international World Mining Congress Book*, India.
36. Liaghat, S., Hossini, M., **Zarasvandi, A.**, 2003. Determination of the Origin and Mass Change Geochemistry During Bauxitization Process at the Hangam Deposit, SE Iran. *International Geochemical Journal of Japan* 37, No. 5, 627-637.

SUBMITTED MANUSCRIPTS

1. **Zarasvandi, A.**, Rezaei, M., Raith, J.G., Pourkaseb, H., Asadi, S., Saed, M., Lentz, D.R., Zaccarini, F., Silicates and Sulfides Chemical Composition in magmatic-hydrothermal systems associated with economic and sub-economic porphyry copper Deposits, Urumieh-Dokhtar magmatic arc, Iran. *Economic Geology (Submitted)*.

Publications in Persian refereed Journals

1. Mirzaei, Y., **Zarasvandi, A.**, Ourang, M., 2016. The effects of geochemical characteristics of the Asmari reservoir oil field on the Masjed Soleyman karstic water resources. *Iranian Journal of Advanced Applied Geology (AAG)* 18, 1-14. (In Persian with English abstract).
2. **Zarasvandi, A.**, Samani, B., Pourkaseb, H., Khorsandi, Z., Jalili, Y., 2015. Investigation of regional fractures and Cu mineralization relationships in the Khezrabad and Shahr-e-Babak area: using Fry and Fractal analysis. *Iranian Journal of Economic Geology* 7, 385-402. (In Persian with English abstract).
3. **Zarasvandi, A.**, Pourkaseb, H., Ghanavati, I., Heidari, M., 2015. Medical geochemistry of Major Elements in the Karun-Arvand Rivers: Possible Consequences on Persian Gulf Ecosystems. *Journal of Khoramshahr Marine Science and Technology* 2, 1-18. (In Persian with English abstract).
4. Farhadian Babadi, M., Masoudi, F., **Zarasvandi, A.**, 2015. The role of heavy water based mud additives in increasing metals concentration of Gachsaran Formation wastes. *Scientific Quarterly Journal of Geosciences* 24, 175-184. (In Persian with English abstract).
5. Nejadhadad, M., Taghipour, B., **Zarasvandi, A.**, Krimzedeh Somarin, A., Salamab Ellahi, S., 2015. Determination of physicochemical properties of ore-forming fluids using combined mineralogy and fluid inclusion microthermometry studies in the Ravanj Pb-Ba-Ag deposit, Delijan, Markazi province. *Scientific Quarterly Journal of Geosciences* 97, 131-140. (In Persian with English abstract).
6. Rastmanesh, F., **Zarasvandi, A.**, Moslem, F., 2015. Assessment of heavy metal

pollution in the surface sediments of the Karun River in the Ahvaz city. **Iranian Journal of Advanced Applied Geology (AAG) 17, 11-22.** (In Persian with English abstract).

7. **Zarasvandi, A.**, Asadi, F., Pourkaseb, H., Ahmadnejad, F., Zamanian, H., 2015. Hydrothermal fluid evolution in the Dalli porphyry Cu-Au deposit: using fluid inclusion study. **Iranian Journal of Economic Geology 2, 277-306.** (In Persian with English abstract).
8. Zaheri, N, **Zarasvandi, A.**, Sameti, M., Karavani, M., Pourkaseb, H., Rastmanesh, F., 2015. Geology and metallogeny evolution studies of eastern Aligudarz: using mineralogy, trace and rare elements geochemistry. **Scientific Quarterly Journal of Geosciences 95, 259-270.** (In Persian with English abstract).
9. Farhadian Babadi, M., Masoudi, F., **Zarasvandi, A.**, 2015. The role of Heavy water based mud additives in increasing metals concentration of Ghachsaran Formation wastes. **Scientific Quarterly Journal of Geosciences 24, 259-270.** (In Persian with English abstract).
10. Rangzan, K., **Zarasvandi, A.**, Abdolkhani, A., Moradi, B., 2015. Modeling of the air pollution using Modis sensor. Case study: Khouzeshtan province dust masses. **Iranian Journal of Advanced Applied Geology (AAG) 14, 38-45.** (In Persian with English abstract).
11. Nejadhadad, M., Taghipour, B., **Zarasvandi, A.**, Karimzade, A., 2015. Genesis of the Ravanj Pb-Ba-Ag deposit, Delijan, Markazi Province; using mineralogy and geochemistry. **Geochemistry 2, 133-141.** (In Persian with English abstract).
12. Damiri, K., Heidari, M., Pourkaseb, H., **Zarasvandi, A.**, 2014. Formation environment of the Phosphate deposits in the Zagros sedimentary basin using mineralogical evidence. **Iranian Journal of Crystallography and Mineralogy 3, 357-368.** (In Persian with English abstract).
13. **Zarasvandi, A.**, Heidari, M., Ghelichpour, H., 2014. A Viewpoint on Geomedicine. **Science Cultivation 4, No.1, 77-83.** (In Persian with English abstract).
14. Pourkaseb, H., Veisheh, S., Niknam, S., **Zarasvandi, A.** 2014. Investigation of chemical and mineralogical composition of Mishan Formation Marls in the north of Ahvaz to use of Brick raw material. **Iranian Journal of Crystallography and Mineralogy 22, No. 2, 297-313.** (In Persian with English abstract).
15. **Zarasvandi, A.**, Pourkaseb, H., Saki, A., Karavani, M., 2013. Investigation of Petrology and Geochemistry of Volcanic Rocks in the Kasian area, Northeast of Khorramabad. **Journal of Petrology 4, No 14, 49-64.** (In Persian with English abstract).
16. **Zarasvandi, A.**, Rezaei, M., Pourkaseb, H., Saki, A., 2013. Investigation on primary and secondary processes in Nasirabad manganese deposit, south of Neyriz: using mineralogy and Pb isotope geochemistry. **Journal of Economic Geology 5, 37-47.** (In Persian with English abstract).
17. **Zarasvandi, A.**, Foroughinia, A., Pourkaseb, H., Charchi, A., Salamab Ellahi, S., 2013. Micromorphology and formation mechanism of pisoliths in the Dehdasht

bauxite deposit. *Journal of Economic Geology* 5, 137-152. (In Persian with English abstract).

18. **Zarasvandi, A.**, Rastmanesh, F., Pourkaseb, H., Azarmi, Z., 2012. Impacts of flying dust phenomenon on heavy metal concentration in soils and absorption by selected plant species in Ahvaz city. *Journal of Advanced Applied Geology (JAAG)* 1, 105-116.
19. Pourkaseb, H., **Zarasvandi, A.**, Charchi, A., Damiri, K., 2012. Geochemistry of the Kuh-e-Sefid and Banari Phosphorites, Southwest of Iran. *Iranian Journal of Crystallography and Mineralogy* 4, 749-760. (In Persian with English abstract).
20. Farhadian Babadi, M., Masoudi, F., **Zarasvandi, A.**, 2012. Environmental assessment of drilling wastes: wastes of well No. 449 in Ahvaz oil field (a case study). *Journal of Advanced Applied Geology (JAAG)* 5, 100-110. (In Persian with English abstract).
21. **Zarasvandi, A.**, Moore, F., Nazarpour, A., 2011. First Report on Mineralogy and Morphology of Dust Storms Particle in Khuzestan Province: XRD and SEM Analysis Concerning. *Iranian Journal of Crystallography and Mineralogy* 19, No. 3, 511-518 (In Persian with English abstract).
22. **Zarasvandi, A.**, Pourkaseb, H., Saki, A., Salamab Ellahi, S., 2011. Investigation on Deposition Condition, Sedimentary Environment and Genesis of the Mandan and Deh-Now Bauxite Deposits, Dehdasht Area, Kohgiloye and Bovair-Ahmad Province: Using Mineralogical Studies, Iranian. *Journal of Economic Geology* 3, No. 1, 1-12. (In Persian with English abstract).
23. **Zarasvandi, A.**, Moore, F., Nazarpour, A., 2011. First Report on Pb Isotope Composition of Dust Storms Particles in Khuzestan Province: Concerning on Source and Geo-Environmental Characteristics. *Iranian Journal of Crystallography and Mineralogy* 19, No. 2, 263-270. (In Persian with English abstract).
24. **Zarasvandi, A.**, Zamanian, H., Hejazi, E., Mansour, A.H., 2010. Geochemical and Mass changes at the Sar-Faryab bauxite deposit, Kohgeloye and Bovair Ahmad province: Using Al, Ti, Zr and Y geochemical characteristics. *Scientific Quarterly Journal of Geosciences* 17, No. 75, 157-164 (In Persian with English abstract).
25. **Zarasvandi, A.**, Moore, F., Nazarpour, A., 2010. Geo-Statistics investigation on Dust Storm occurrence in Khuzestan Province as a Geo-Environmental Phenomena. *Journal of Science, Shahid Chamran University of Ahvaz* 25, 13-29. (In Persian with English abstract).
26. **Zarasvandi, A.**, Moore, F., Pourkaseb, H., 2009. Thermochronology of Cu-bearing-Granitoids in the South of Khezr-Abad Area, Using Apatite Fission Track Analysis. *Iranian Journal of Crystallography and Mineralogy* 17, No. 2, 291-298 (In Persian with English abstract).
27. Saki, A., Moazen, M., Mojtahedi, M., **Zarasvandi, A.**, 2009. Fibrolite sources in the metamorphosed clays (Meta plets) in the Mahneshan Complex, Northwest Iran, *Journal of Science, Chamran University* 22, 10-21. (In Persian with English abstract).

28. Rangzan, K., **Zarasvandi, A.**, Haidari, A., 2008. Comparison of EPM and MPSIAC models in GIS & RS for Erosion and sediment yield assessment of the Pegah-Sorkh Basin, Gotvand Area, Khuzestan Province, Iran. *Journal of Geographical Research* 64, 123-136.
29. Sabouri, R., Afkhami, M., **Zarasvandi, A.**, Khodadadi, M., 2008. Impressionability rate determination for qualitative water parameters of Karun river in terms of dust phenomenon occurrence in the form of prediction model (case study: Municipal Section of Ahvaz). *Talab Quarterly* 7, 47-56.
30. Rangzan, K., **Zarasvandi, A.**, Mehrabi, A., 2007. Determination of Copper Mineralization and Structural Elements for Identification of Potential Zone: A Case Study of Southern Part of Central Iranian Volcanic Belt. *Journal of Science, Chamran University* 17, 16-32. (In Persian with English abstract).
31. Liaghat, S., **Zarasvandi, A.**, Hossaini, M., 2006. Geochemical Characteristics of the SW Yazd Skarns, In Comparison with Known Skarns Associated with Granites. *Journal of Science, Shahid Chamran University of Ahvaz* 14, 53-70 (In Persian with English abstract).
32. Liaghat, S., **Zarasvandi, A.**, 2004. Prospecting and mineralogy of Heavy minerals in Karkheh River sediment Khuzestan province, Iran. *Geoscience Journal, Geological survey of Iran* 12, No. 51, 78-90 (In Persian with English abstract).
33. Mansour, A., Abdollahi, M., **Zarasvandi, A.**, 2004. Evaluation of Celestite Mineralization in North-West of the Bangestan Anticline. *Journal of Science, Shahid Chamran University of Ahvaz* 12, 37-47. (In Persian with English abstract).
34. Hossini, M., Liaghat, S., **Zarasvandi, A.**, 2003. Identification of precursor rock and mass Change Calculation of the Hangam Karst Bauxite (SW Shiraz, Iran) Using Immobile Geochemistry elements. *Journal of Science, Shahid Chamran University of Ahvaz* 11, 87-107 (In Persian with English abstract).

Books

1. **Zarasvandi, A.**, Haidari, M., 2014. Iranian Dust Storms: From Geological Perspective, Shahid Chamran University Press, 280p (In Persian).
2. **Zarasvandi, A.**, 2007. Atlas of Alteration, Translated to Persian from Thompson, A.J.B, 1998. Shahid Chamran University Press. 120p.
3. **Zarasvandi, A.**, Haidari, M., 2011. Introduction to Medical Geology, Shahid Chamran University Press, 290p. (In Persian).
4. **Zarasvandi, A.**, 2012. Atlas of Ore Minerals, Translated to Persian from Momin, H, 2010. Shahid Chamran University Press, 120p.

PRESENTATIONS/ABSTRACTS

International

1. **Zarasvandi, A.**, Rezaei, M., Sadeghi, M., 2014. Rare earth element signatures in manganese ores associated with Tethyan ophiolites, Iran; indicators of primary ore forming processes. **ERES (1st conference on European Rare Earth Resources)**, Milos, Greece.
2. **Zarasvandi, A.**, Mousapoor, E., Modabberi, S., Haidari, M., 2011. Major and Trace Elements Composition of the Urinary Stones, Khuzestan Province, Iran. **4th International Conference on Medical Geology**, Bari, Italy.
3. **Zarasvandi, A.**, Mousapoor, E., Modabberi, S., Haidari, M., 2011. Race, Temperature and Water Hardness Factors and Distribution of Urinary Stones in the Khuzestan, Province, Iran. **4th International Conference on Medical Geology**, Bari, Italy.
4. **Zarasvandi, A.**, Salamab Ellahi, S., Pourkaseb, H., Saki, A., 2011. Karstification and bauxiteic minerals evolution in the Cretaceous sarvak Limestone, Dehdasht area, southwest Iran. **Asia trans-disciplinary Karst conference**, Indonesia.
5. **Zarasvandi, A.**, Mousapoor, E., Modabberi, S., Haidari, M., 2011. Effect of Climate Conditions on Mineralogy of Urinary Stones, in the Khuzestan Province, Iran. **4th Iranian Endourology & Urolaparoscopy Society Congress**, Tehran, Iran.
6. **Zarasvandi, A.**, 2010. Geology and geochronology of magmatic centers in the Urumieh-Dokhtar Arc, Iran. **20th General Meeting of the International Mineralogical Association (IMA 2010)**, 21–27 August, Budapest, Hungary, P. 242
7. **Zarasvandi, A.**, 2008. Geochemistry and Source of the Recent Sediments in Southwestern of Ahvaz, Khuzestan Province, Iran. **6th Swiss Geoscience Meeting**, Lugano, Swiss.
8. **Zarasvandi, A.**, Zentilli, M., 2008. Mineralization Styles in the Urumieh-Dokhtar Arc and Zagros Fold Belt, Iran. **PDAC, Central Asia session March**, 2-5, Toronto, Canada (invited).
9. **Zarasvandi, A.**, Liaghat, S., Zentilli, M., 2006. Deep crustal structures as controls on magmatism and copper mineralization in the Urumieh-Dokhtar arc, Iran. **32th Annual Meeting of Atlantic Geoscience Society (abstract)**, February 3-4, Wolfville, Nova Scotia, Canada.
10. Liaghat, S., Lentz, D., **Zarasvandi, A.**, 2005. Fluid inclusion studies in quartz veinlets of the Darreh-Zerreshk and Ali-Abad porphyry copper deposits, Central Iran. **31th Annual Meeting of Atlantic Geoscience Society (abstract)**, February 4-6, Saint John, New Brunswick, Canada, p. 29.
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GRANTS AND PROJECTS

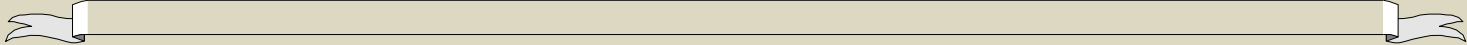
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GRADUATE STUDENTS

Supervisor

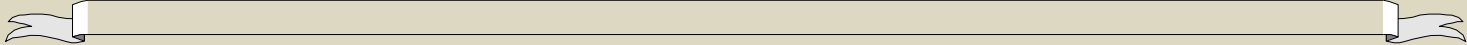
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Co-Supervisor

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