



## Ali Ahmadi Associate Professor

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Departments : Geology

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## Education

- ✓ B.Sc, Geology, University of Isfahan - 1987
- ✓ MS, Geology-Petrology, Kharazmi University - 1988
- ✓ PhD, Geology-Petrology, Canada - 2002

## Courses

1. Igneous rocks
2. Metamorphic rocks
3. Petrology
4. volcanology
5. Field Geology
6. z
7. Petrofabric (Microtectonic)
8. h
9. Hydrogeochemistry and quality of water sources
10. Isotope geochemistry
11. Instrumental analytical
12. Environmental geochemistry
13. High-Temperature Geochemistry
14. Low- Temperature Geochemistry
15. Petrology of metamorphic rocks
16. thermodynamic
17. Igneous and metamorphic geochemistry
18. Geochemistry and Metamorphic processes
19. Fild Geology
20. Inorganic geochemistry
21. Instrumental analytical methods
22. Organic geochemistry
23. Hydrogeochemistry
24. Environmental geochemistey

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## Master Thesis

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### 1. gsdg dfgsdggd

ندا مختاري, [Ali Ahmadi, , Aliasghar Moridi]  
نیمسال اول سال تحصیلی 94-95

### 2. dfggtrtrtstr

هدی عیدی زاده, [Ali Ahmadi, X X]  
نیمسال دوم سال تحصیلی 94-93

### 3. chghgyvhtyty

ازاد کریمی, [Ali Ahmadi, Abdolreza Partabian]  
نیمسال اول سال تحصیلی 94-93

### 4. tyftyftyxytyx

رضوان میرزایی راینی, [Ali Ahmadi, , Mohammad Boomeri]  
نیمسال اول سال تحصیلی 94-93

### 5. dg hghdhybnbn

نوشین صابر شهرکی, [Ali Ahmadi, Mostafa Ghomashi]  
نیمسال اول سال تحصیلی 92-91

### 6. hfhyty tyty

حلیمه مجددی مقدم, [Ali Ahmadi, Aliasghar Moridi]  
نیمسال اول سال تحصیلی 92-91

### 7. jgukyogugi

زهرا فیروز کوهی, [Ali Ahmadi]  
نیمسال دوم سال تحصیلی 91-90

### 8. tkyui5ti ,765768 678567878

رضوان میرزایی راینی, [Ali Ahmadi, ]  
نیمسال اول سال تحصیلی 90-89

### 9. h h rty rytry

زهرا خرمی, [Ali Ahmadi, , Habib Biabangard]  
نیمسال اول سال تحصیلی 90-89

### 10. fhg yt jrtyjryte

مسعود فرخ نژاد, [Ali Ahmadi, Aliasghar Moridi]  
نیمسال اول سال تحصیلی 90-89

## Journals Papers

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### 2021

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1. Petrography and Geochemistry of ophiolitic peridotite from Marivan-Kamyaran region, Zagros (western Iran)

Azad Karimi, Ali Ahmadi, Khairkhah Monireh, Abdolreza Partabian

Volume: (30) 25 - 36

### 2020

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2. geochemical characteristic and petrogenesis of volcaniv rocks from Kule sangi-malak sih kuh complex, nourth of Zahedan, easren Iran Iran

Mahnoosh Behjati, Ali Ahmadi, Habib Biabangard

Volume: (29) 61 - 72

3. Potential soil pollution by heavy metals in Kurdistan region, western Iran: the impact of ultramafic bedrock

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

Geopersia Volume: (10) 41 - 52

4. Petrographic and geochemical characteristics of olivine basalts from east of Nehbandan and Chahchocho (Sistan suture zone, eastern Iran)

Neda Mokhtari, Ali Ahmadi, Hassan Mirnejad

Volume: (11) 129 - 150

### 2019

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5. Mineralogy and geothermo-barometry of metapelitic schists, amphibolites and garnet amphibolites from Gol-Gohar metamorphic complex, SW Sirjan, Central Iran

, Ali Ahmadi, Hassan Mirnejad, Mohammad Boomeri, Kazo Nakashima

Volume: (27) 437 - 448

6. Petrography and Geochemistry of ophiolitic basalts from Marivan- Palangan region (Zagros, western Iran)

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

Volume: (10) 75 - 96

7. Effect of hydrothermal alteration processes on the chemical composition of the extrusive section of the Marivan-Palangan ophiolite complex, Zagros, West of Iran

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

Volume: (26) 901 - 914

## 8. Petrology, Geochemistry and Thermobarometry of Abaraq-Hormak Volcanic Rocks, west of Lut Zone, Central Iran

Habib Biabangard, Ali Ahmadi, Shahnaz Rimaz

Volume: (10) 45 - 64

## 2018

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## 9. Two-tiered magmatic-hydrothermal and skarn origin of magnetite from Gol-Gohar iron ore deposit of SE Iran: In-situ LA-ICP-MS analyses

, Ali Ahmadi, Hassan Mirnejad, Jian-Feng Gao, Kazuo Nakashima, Mohammad Boomeri

ORE GEOLOGY REVIEWS Volume: (102) 639 - 653

## 10. Study of the geochemical characteristics of metapelites in the Gol-Gohar area within the Gol-Gohar iron deposit district, SW Sirjan

, Ali Ahmadi, Hassan Mirnejad, Mohammad Boomeri

Volume: (26) 555 - 566

## 11. Analysis of Microfacies, Sedimentary Environments and Sequence Stratigraphy of Pabdeh Formation, in type section, Zagros

Somaiyeh Saravani, Mohammad Nabi Gorgij, Mostafa Ghomashi, Ali Ahmadi

Volume: (33) 69 - 104

## 2017

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## 12. Geochemical and textural characteristics of plagioclase as evidence for open-system processes: Case study from Bazman volcano (SE Iran)

Ali Ahmadi, , Aliasghar Moridi,

Volume: (25) 367 - 380

## 13. Petrological and geochemical nature of mesocratic and melanocratic dykes in Lakhshak granodiorite Northwest of Zahedan

, Ali Ahmadi, , mohsen jami

Volume: (26) 149 - 162

## 14. Estimation of thermal maturity from well logs and seismic data in the Mansuri oilfield SW Iran

, Ali Ahmadi, , ,

JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING Volume: (159) 461 - 473

## 15. Mixing of basaltic and andesitic magmas in the Bazman volcanic field of southeastern Iran as inferred from plagioclase zoning

, Ali Ahmadi, richard lentz david, Aliasghar Moridi

MINERALOGICAL MAGAZINE Volume: (81) 975 - 985

16. Geochemical characterization of basalts from west of Khash (SE Iran) an approach to the nature of the mantle source

, Ali Ahmadi, , Aliasghar Moridi, richard lentz david

Volume: (8) 99 - 118

17. Estimation of Total Organic Carbon from well logs and seismic sections via neural network and ant colony optimization approach a case study from the Mansuri oil field SW Iran

, , Ali Ahmadi, mohammad hossein heydari fard

Geopersia Volume: (7) 255 - 266

18. Estimation of a Maturity Index from Well Log and Seismic Data via Ant Colony Optimization Technique in Mansuri Oil Field

, Ali Ahmadi, ,

Volume: (26) 136 - 147

## 2016

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19. Mineralogy geochemistry and origin of Chaharfarsakh intrusive and extrusive rocks Lut block

Habib Biabangard, Majid Najaf zade, Ali Ahmadi

Volume: (24) 515 - 530

20. Petrography Geochemistry and Tectonic setting of Rigi granitoid body (East of lut Block Central Iran)

Raziyeh Ghonjali pour, Habib Biabangard, Ali Ahmadi

Volume: (7) 19 - 32

21. Geochemical data prediction from well log data and seismic attributes using Ant Colony Optimization technic in Mansuri Oil field

, , Ali Ahmadi, mohammad hossein heydari fard

Volume: (86) 155 - 168

22. Progressive metamorphism in metapelites of the Deh-Salm metamorphic complex, east of the Lut block according to garnet-biotite thermometry

, Sasan Bagheri, Ali Ahmadi,

Volume: (26) 325 - 338

## 2015

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23. Petrology and geochemistry of pillow lava and mafic rocks from middle part of the Nosratabad-Kahourak fault system

, Ali Ahmadi

Volume: (23) 309 - 320

24. Facies, Depositional environment and sequence stratigraphy of Upper Carboniferous-Lower Permian rocks (Zaladou section)

Mohammad Nabi Gorgij, Ali Ahmadi,

Volume: (61) 87 - 104

25. Geochemistry of streambed sediments of Sarbaz river Southeast of Iran Determining sediment provenance and its impact on possible environmental pollution

mahdiye shahraki, mohammad hossein mahmoodi gharaee, , Ali Ahmadi

Volume: (25) 237 - 250

26. Petrology and Geochemistry of Mafic rocks of Ophiolitic complex from Bibi Maryam Nehbandan Fault zone eastern Iran

Nooshin Saber shahraki, Ali Ahmadi, Mostafa Ghomashi

Volume: (6) 80 - 98

## 2011

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27. Investigation of physicochemistry environment of Sungun porphyry Cu deposit using chemical characteristic of minerals (northeast of Tabriz)

, Mohammad Boomeri, Ali Ahmadi, Aliasghar Moridi, hall daglass, mehdi jamali

Volume: (20) 47 - 54

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## Conferences Papers

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### 2019

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1. [Field relationship, petrography and hydrous phases of mantle peridotites of the Kamyaran-Palangan ophiolite, Zagros, W Iran](#)

First International Conference on Biology and Earth Sciences

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

2. [Occurrence of hydrous phases in mantle peridotites of the Marivan-Kamyaran ophiolite, Zagros, W Iran: Evidence of modal and cryptic mantle metasomatism](#)

38th National Geosciences Congress

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

### 2018

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3. [The Marivan-Palangan ophiolite complex: potential for environmental contamination of heavy metals in Kurdistan province, West Iran](#)

The 36th National and the 3rd International Geosciences Congress

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

4. [The Marivan-Palangan ophiolite complex: potential for environmental contamination of heavy metals in Kurdistan province, western Iran](#)

The 36th National and the 3rd International Geosciences Congress (25th-27th February, 2018 - Tehran, Iran)

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

### 2017

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5. [Crustal assimilation of evolved rocks from Makran volcanic arc, as inferred from Pb isotopes](#)

Symposium on Cenozoic Magmatism in Iranian Plateau

, Ali Ahmadi, Hossein Moinevziri, Aliasghar Moridi

6. [Geochemical Characterization of Source of Basalts from Makran Volcanic Arc](#)

Symposium on Cenozoic Magmatism in Iranian Plateau

, Ali Ahmadi, Hossein Moinevziri, Aliasghar Moridi

7. [Geology and Geochemistry of Miocene Mafic Rocks Associated with Neh Shear Zone, Eastern Iran](#)

Symposium on Cenozoic Magmatism in Iranian Plateau

, Ali Ahmadi, Aliasghar Moridi, Hassan Mirnejad

8. [Peridotites of the Marivan-Palangan ophiolite complex west of Iran evidence for the mantle source of Cenozoic magmatism in some parts of Iran plateau.](#)

Symposium on Cenozoic Magmatism in Iranian Plateau

Azad Karimi, Abdolreza Partabian, Ali Ahmadi

## 2012

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9. Geochemical comparison of Piazeh basaltic body, Sanandaj-Sirjan Zone, southeastern Iran

16th symposium of Geological society of Iran

Hiva Ebrahimi, Ali Ahmadi

## 2010

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10. An Introduction to Comparison of Chahkamal Basalts (East of Khash) with Iceland Arc Basalts

, Ali Ahmadi, aliasghar Moridi farimani

## 2004

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11. Petrogenesis of Ultrapotassic Mafic Rocks From Rayen Central Iran

32th IGC

Ali Ahmadi