



Abdolreza Partabian

Associate Professor

Faculty : Science

Departments : Geology

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Address : Dept.of Geology, Faculty of Science, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- ✓ MS, Tectonics, Shiraz University - 2008
- ✓ PhD, Tectonics, Shiraz University - 2012

Courses

- | | |
|---|--|
| 1. Principles of Remotesensing | 2. Seismotectonic |
| 3. Application of computer in geology | 4. Seismotectonic |
| 5. Geotectonic | 6. Seismology |
| 7. Remote sensing | 8. Geographic Information system(GIS) |
| 9. Application of remote Sensing and geographic information system in geology | 10. GIS and Remote Sensing for exploration |
| 11. Advanced Morphotectonics | 12. Advanced structural geology(1) |
| 13. Application of geophysics in tectonics | 14. Tectonics of Iran |
| 15. Tectonic modeling | 16. Structural Geology |
| 17. Neotectonics and morphotectonics | 18. Advanced structural geology(2) |
| 19. Geophysics | 20. Structural Geology 2 |

Master Thesis

1. Remote Sensing, Geological and Lithogeochemical Investigation of Tak-Talar, Northwest of Zahedan, Sistan Suture Zone.

[Mohammad Bameri, Abdolreza Partabian]

نیمسال دوم سال تحصیلی 1401

2. The Jon Abad Fault in the Dizook area and role of its related structures in hosting of the Cu-mineralization Southeast Iran

[Sasan Bagheri, Abdolreza Partabian, Mohammad Bameri, Habib Biabangard, Naser Asadi]

نیمسال دوم سال تحصیلی 1401

3. Remote sensing, and lithogeochemical studies in southeast of Asagi, northwest of Zahedan, Sistan Suture Zone

[Mohammad Bameri, Abdolreza Partabian, Habib Biabangard, Mohammad Nabi Gorgij, Sasan Bagheri]

نیمسال دوم سال تحصیلی 1401

4. Quantitative investigation on changing of geomorphological response to active tectonics along the Sarbaz river, west of Makran

[Abdolreza Partabian, Ahmad Nourbakhsh, Sasan Bagheri, Habib Biabangard, Mohammad Nabi Gorgij]

نیمسال دوم سال تحصیلی 1401

5. Minerology, alteration, textural, structural and geochemical zoning of Lar Cu-Mo ore with depth, southeastern Iran

[Mohammad Bameri, Abdolreza Partabian, Habib Biabangard, Sasan Bagheri, Reza Jahanshahi]

نیمسال اول سال تحصیلی 00-01

6. Liquid line(s) of descent for alkaline and tholeiitic magmas from north of Zahedan and the Neh Fault Zone, eastern Iran

[Habib Biabangard, Ali Ahmadi, Abdolreza Partabian, Mohammad Bameri, Mohammad Nabi Gorgij, Naser Asadi]

نیمسال اول سال تحصیلی 00-01

7. gnrtyrty

[Mohammad Bameri, Abdolreza Partabian]

نیمسال اول سال تحصیلی 99-00

8. Role of tectonics in variations of seismicity parameters in makran subduction zone

[Abdolreza Partabian, Shoga Ansari]

نیمسال اول سال تحصیلی 97-98

9. Investigation the effect of structural factors on the formation of Garaghe closed basin, Zahedan, east of Iran

[Abdolreza Partabian, Mohsen Jami]

نیمسال اول سال تحصیلی 97-98

10. Geochemistry and genes of pirlgel mud-volcano, northwest of Iranshahr, southeast Iran

[Habib Biabangard, Abdolreza Partabian, Reza Jahanshahi]

نیمسال دوم سال تحصیلی 96-97

11. Geology and Petrology of Granitoid Host Rocks of Mesocratic and Melanocratic Dikes From Southwest of Zahedan, Eastern IRAN

[Ali Ahmadi, Abdolreza Partabian], مصطفی حیدری یکتا

نیمسال دوم سال تحصیلی 96-97

12. Seismotectonic analysis of the Saravan area based on the aftershocks of the 2013 saravan-Gosht earthquake

[Abdolreza Partabian, Shoga Ansari], فریده جهان‌دیده

نیمسال دوم سال تحصیلی 96-97

13. Deformation study of siah- yakook area, southeast of zahedan

[Abdolreza Partabian], زهرا حسینیان

نیمسال اول سال تحصیلی 96-97

14. Kinematics and deformation study of the zahedan granite marginal principal shear zone, northwest of zahedan, east of Iran

[Abdolreza Partabian, Shahriyar Keshtgar], ذوالفقار موسوی

نیمسال دوم سال تحصیلی 95-96

15. Active tectonics of saravan fault

[Abdolreza Partabian, Ahmad Nourbakhsh], رقیه کشانی

نیمسال دوم سال تحصیلی 95-96

16. Comparison of kuh-e-sefid(saravan, se Iran) fracture system with surrounding rocks, using remote sensing

[Abdolreza Partabian, Aliasghar Moridi], شب‌نم حیدری علی محمدلو

نیمسال اول سال تحصیلی 95-96

17. The study of relation between kahurak fault and en-echelon folds in the eastern side of it, south east of Iran

[Aliasghar Moridi, Abdolreza Partabian], محسن شمس‌ی چمگاوی

نیمسال اول سال تحصیلی 95-96

18. Paleostress analysis in kule-songi, north of zahedan

[Abdolreza Partabian, Aliasghar Moridi], ثمین صفایی

نیمسال اول سال تحصیلی 95-96

19. An investigation and analysis of domal folds at west of Bandan fault, east of nehbandan, se Iran

[Aliasghar Moridi, Abdolreza Partabian], رویا امامی

نیمسال اول سال تحصیلی 95-94

20. Structural study of double plunging folds, east of nehbandan, se Iran

[Aliasghar Moridi, Abdolreza Partabian], مینا برنا

نیمسال اول سال تحصیلی 95-94

21. The relationship between tectonics and volcanism in Taftan volcano area, se Iran

[Abdolreza Partabian, Aliasghar Moridi, Habib Biabangard], مهدیه فتاحی مقدم

نیمسال اول سال تحصیلی 95-94

22. Active tectonics study of eastern Makran accretionary wedge-southeast of Iran

[Abdolreza Partabian, Ahmad Nourbakhsh], سهیلا عامری صفی آبادی

نیمسال اول سال تحصیلی 93-94

23. Presentation of Sirjan arc-shaped mega-structure in southeast of the sananday - sirjan zone and discussion on its origin

فریبا مرشدی نودژ, [Sasan Bagheri, Abdolreza Partabian]

نیمسال اول سال تحصیلی 93-94

24. Structural analysis and Kinematics of the fariab deformed area southwest of Kerman

ایمان لطیفی دریکندی, [Abdolreza Partabian]

نیمسال اول سال تحصیلی 92-93

25. Geochemistry and genes of pirlgel mud-volcano, northwest of Iranshahr, southeast Iran

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Journals Papers

2025

1. The Effect of Hydrogeological and Tectonic Factors on the Groundwater Resources Nearby the Kaji Salt Playa in the Sahlabad Plain

Reza Jahanshahi, Seyede nilofar Mirkazemi, Abdolreza Partabian, Habib Biabangard

Volume: (58) 115 - 140

2024

2. Geochemical Characteristic of Acidic to Intermediate dykes in the Granite and Flysch of South Zahedan, SE of Iran

Mohadesseh Rahimzadeh, Habib Biabangard, Abdolreza Partabian, Ali Ahmadi

Iranian Journal of Crystallography and Mineralogy Volume: (32) 313 - 324

2023

3. InSAR-derived surface Deformation of the April 2021 Genaveh Earthquake evidence of progress of the Quaternary Zagros Mountain front

Abdolreza Partabian

Volume: (9) 14 - 28

4. Paleo-stress analysis of Koleh Sangi region- northern Zahedan- Sistan suture zone

Samin Safayi, Abdolreza Partabian, Aliasghar Moridi

Volume: (14) 97 - 110

5. Analysis of the Pivehjan-Dizbad mineralization in the context of tectonic history of the Binalud Mountain

Abdolreza Partabian, Sasan Bagheri, Habib Biabangard, Kahrzesh Khaled, Haghgo Rad Mohammad

Volume: (7) 1 - 12

6. The Jun-Abad structural curvature in south Zahedan, East Iran: Role of tectonic setting in formation of the curvature, and structural geology in distribution of its ore deposits

Sasan Bagheri, Abdolreza Partabian, Habib Biabangard

Volume: (7) 43 - 50

7. Copper mineralization in the context of the structural evolution of the western edge of the Zahedan granite belt; An example from Jahangiruk region

Mehdi Koohsari, Sasan Bagheri, Abdolreza Partabian, AHMADI Arash, Bahramnejad Elham

Volume: (7) 51 - 62

2022

8. Lineaments analysis of Kuh-Sefid granite and surrounding rocks, evidence of tectonic activity of Sistan Suture Zone faults, southeastern Iran

Shabnam Heydari ali mohammadlo, Abdolreza Partabian, Aliasghar Moridi

Volume: (7) 1079 - 1093

9. Structural investigation of Sefidabe and Hyderabad antimony ore deposits in the Sistan Suture Zone, southwest of Sefidabe

Mohammad Bameri, Abdolreza Partabian, Masomea Hossinpoor

Volume: (21) 67 - 79

10. Role of Active tectonics on the formation of Garaghe closed basin, Zahedan

Afsaneh Bijarzahie, Abdolreza Partabian, Mohsen Jami

Volume: (6) 14 - 28

2021

11. Anatomy of a crustal-scale accretionary complex: Insights from deep seismic sounding of the onshore western Makran subduction zone, Iran

Christian Haberland, Mohammad Mokhtari, Hassan Ali Babaei, Trond Ryberg, Mehdi Masoodi, Abdolreza Pa

GEOLOGY Volume: (49) 3 - 7

12. Doming along the Zagros transpression zone, SW Iran: insights from microstructural analysis of heterogeneous deformation

Abdolreza Partabian, Ali Faghih

Arabian Journal of Geosciences Volume: (14) 648-1 - 648-19

13. 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

14. Mineral chemistry and thermobarometry of Kurdistan ophiolitic peridotites, Zagros, western Iran

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

Iranian Journal of Crystallography and Mineralogy Volume: (28) 921 - 932

15. Possible Role of the Main Makran Fault in the Collapse of the Ancient Civilizations Along the Makran Shoreline

Abdolreza Partabian

Iranian Journal of Archaeological Studies Volume: (11) 131 - 133

16. Structural analysis of Siah-Jakouk area, South-east Zahedan, Sistan Suture Zone

Zahra Hasanian, Abdolreza Partabian

Volume: (5) 21 - 35

2020

[17. Fractal Analysis of the Aftershocks of the 2013 Gosht-Saravan \(M.7.8\) Earthquake, NE Makran](#)

Abdolreza Partabian, Ansari Shoja,

Volume: (13) 39 - 48

[18. Documentation of the Sirjan Orocline in the southeast Sanandaj-Sirjan Zone, Iran](#)

Abdolreza Partabian, Sasan Bagheri, Fariba Morshedi, Timothy M. Kusky

Journal of Mountain Science Volume: (17) 528 - 541

[19. Role of tectonics in the evolution of Taftan Volcano, SE Iran](#)

Abdolreza Partabian, , Aliasghar Moridi, Habib Biabangard

Volume: (9) 173 - 186

[20. 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

[21. Exhumation Style of the Chapedony Core Complex \(Central Iran\): Insights from Kinematic Vorticity Analysis](#)

A. Faghih, M. Soleimani, Abdolreza Partabian

GEOTECTONICS Volume: (54) 705 - 712

[22. Morphometric parameters and Tectonic origin of Tozki volcanic cone](#)

Shahriar Keshtegar, Abdolreza Partabian, Mahbubeh Nazari

Tectonics Volume: (4) 21 - 37

2019

[23. 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

Iranian Journal of Crystallography and Mineralogy Volume: (26) 901 - 914

[24. Tectonic implication of geomorphometric analyses along the Saravan Fault: evidence of a difference in tectonic movements between the Sistan Suture Zone and Makran Mountain Belt](#)

, Abdolreza Partabian, Nourbakhsh Ahmad

Journal of Mountain Science Volume: (16) 1023 - 1034

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

Azad Karimi, Ali Ahmadi, Abdolreza Partabian

Volume: (10) 75 - 96

2018

26. Folded Radiolarite Unit as a Kinematic Indicator of the Zagros Collision Processes Southwestern Iran

Partabian Abdolreza, Ahmad Nourbakhsh, Khalil Sarkarinejad

Journal of Earth Science Volume: (29) 210 - 222

27. Folded Radiolarite Unit as a Kinematic Indicator of the Zagros Collision Processes Southwestern Iran

Abdolreza Partabian, Ahmad Nourbakhsh, Khalil Sarkarinejad

Journal of Earth Science Volume: (29) 210 - 222

2017

28. A Comparison of efficiency of the landslide hazard zonation using the Value Information and Density Area Models in Sistan and Baluchestan province

Abdolreza Partabian, Samad Fotoohi,

Volume: (7) 1 - 11

2016

29. Using probabilistic method to seismic hazard zoning in Sistan and Baluchestan Province

Abdolreza Partabian, Samad Fotoohi,

Volume: (5) 1 - 16

30. GIS-based evaluation of geomorphic response to tectonic activity in Makran Mountain Range SE of Iran

Abdolreza Partabian, ,

GEOSCIENCES JOURNAL Volume: (20) 921 - 934

2013

31. Variations in the kinematics of deformation along the Zagros inclined transpression zone, Iran: Implications for defining a curved inclined transpression zone

, Partabian Abdolreza,

JOURNAL OF STRUCTURAL GEOLOGY Volume: (48) 126 - 136

2012

32. Usage of strain and vorticity analyses to interpret large-scale fold mechanisms along the Sanandaj–Sirjan HP-LT metamorphic belt, SW Iran

, Partabian Abdolreza, ,

GEOLOGICAL JOURNAL Volume: (47) 99 - 110

Conferences Papers

2024

1. The effect of lineaments on the quality of groundwater nearby Kaji playa, southeast of Birjand

Seyede nilofar Mirkazemi, Reza Jahanshahi, Abdolreza Partabian, Habib Biabangard

2. Determining the deformation temperature using the quartz and feldspar recrystallization systems in the Boneh Shurow metamorphic core complex, Central Iran.

9th National Conference of Tectonics and Structural Geology on Iran

Soleimani Masomeh, Faghih Ali, Abdolreza Partabian

3. Investigation of tectonic activity in the Sarbaz River catchment area, east of Makran

9th National Conference of Tectonics and Structural Geology on Iran

Ffff Ffff, Abdolreza Partabian, Ahmad Nourbakhsh

4. The effect of lineaments on the quality of groundwater nearby Kaji playa, southeast of Birjand.

9th National Conference of Tectonics and Structural Geology on Iran

Seyede nilofar Mirkazemi, Reza Jahanshahi, Abdolreza Partabian, Habib Biabangard

2019

5. 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

6. 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

2018

7. Correlation between Lineaments derived from magnetic data and earthquakes in Northwest Makran

18th Iranian Geophysical Conference

Najafi Neda, Mohammad Mokhtari, Abdolreza Partabian, Khairollahi Hasan

8. Investigation of the effect of Zahedan fault on brittle deformation of Kuleh-Sangi area north of Zahedan, using paleostress analysis

The 21 symposium of geological society of Iran

Samin Safayi, Abdolreza Partabian, Aliasghar Moridi

9. Using remote sensing to analysis of the fractures in Sefid-Kouh Granitoid Mass, Southeast of Iran

The 21 symposium of geological society of Iran

Shabnam Heydari ali mohammadlo, Abdolreza Partabian, Moridi Aliasghar

10. Study relationship between Kahurak Fault and adjacent Fold, southeast iran

The 21 symposium of geological society of Iran

Mohsen Shamsi chamgavi, Aliasghar Moridi, Abdolreza Partabian

11. The Marivan-Palngan 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

12. The Marivan-Palnganophiolite 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

13. Quantitative geomorphological study for evaluation of relative active tectonics along Saravan Fault

5th symposium of tectonics and structural geology of Iran

, Abdolreza Partabian, Nourbakhsh Ahmad

14. Kinematic analysis of Zahedan granite margin shear zones

5th symposium of tectonics and structural geology of Iran

Zolfaqar Mousavi, Abdolreza Partabian, Shahriyar Keshtgar

15. Peridotites of the Marian-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

16. ----

20th symposium of the Geological Society of Iran

, Aliasghar Moridi, Abdolreza Partabian

17. The post metamorphism Deformations in Sirjan Orocline Southeast of Sanandaj-Sirjan Zone

4th National symposium of tectonics and structural geology of Iran

2015

18. Sirjan arc-shaped mega-structure in southeast and discussion on its origin

19th symposium of the Geological Society of Iran

2014

19. 3D deformation in the Fariab deformed area

18th symposium of the Geological Society of Iran

, Abdolreza Partabian

Executive activities

سرپرست حوزه فرهنگی

from 1403/02/03 - now

مشاور معاون فرهنگی و اجتماعی

from 1395/11/01 - to 1397/11/10

Research Project

2022

2014

1. The study of prioritization and comprehensive plan to reduce hazard of earthquakes and landslides in

Samad Fotoohi, Abdolreza Partabian - 2014