

Curriculum Vitae

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Educational Background:

1998- 2002, Ph.D in Stratigraphy and Palaeontology, Dept. of Earth Sciences, UCL, London.

Title of Thesis (PhD thesis): Lower Cretaceous (Upper Barremian-Lower Albian) Ammonite faunas of the Kopet Dagh Basin, NE Iran.

1989 – 1992, MSc. in Geology (Stratigraphy and Palaeontology), Faculty of Sciences, University of Kharazmi (Tarbiat Moallem), Tehran, Iran.

Title of Thesis: Stratigraphy and sedimentary environment of Sarcheshmeh and Sanganeh Formations, in the east of Kopeh Dagh Basin in Northeast of Iran (MSc. Thesis).

1984 – 1988, BSc. in Geology, Faculty of Sciences, Mashhad University, Mashhad, Iran.

Title of Thesis: Sedimentary environment of Mozduran Formation in the east of Kopeh Dagh Basin in the Northeast of Iran (B.Sc. Thesis).

1979 – 1983, Diploma in Experimental Sciences, Abumoslem High School, Mashhad, Iran.

Publications:

Raisossadat, S. N. ----Ammonite families Phylloceratidae, Gaudryceratidae, Opepliidae and Desmoceratidae from Kopet Dagh Basin NE of Iran; paleobiogeographical and paleoecological application. Accepted in *Annales de Paléontologie*.

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Afrasiabian, S., Motamedalshariati, M., **Raisossadat, S.N.** and Afghah, M. 2021. Paleoecology of the Sarvak Formation based on foraminifera in Dariyan section, east of Shiraz, Southwest Iran. Applied Sedimentology, 9 (17), 97-113 [In Persian-English Abstract].

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Raisossadat, N. 1999. Biostratigraphy of the Lower Cretaceous (Barremian-Albian) succession of the Kopet Dagh Basin, NE-Iran. American Association of Petroleum Geologists Bulletin, 83, 11, 1895. Tulsa.

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Conference Presentations:

Raisossadat, S.N., 2023. Ammonite morphogroups in Sarcheshmeh and Sanganeh formations, Kopet Dagh Basin. Proceeding of 25th Symposium of Geological Society of Iran, 25-26 Jan. Shahroud University, Iran, 8p.

Raisossadat, S.N., Heyhat, M. R. 2022. Tectonostratigraphy and tectonomagmatism of north of Birjand. 8th National Conference of Tectonic and Structural Geology of Iran. 13-14- Sept., University of Birjand, Iran, 10 p.

Raisossadat, S.N. 2022. Late Barremian Early Aptian heteromorph ammonites from Kopet Dagh Basin, Northeast Iran: biostratigraphic and paleobiogeographic application. Proceeding of the 15th Symposium of Iranian Paleontological Society, Paleontology and Paleontological Biodiversity Research Center of Iran, 22-23- May, Maragheh, Iran, 5 p.

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Iranian Paleontological Society, 21-22 May 2014, Zanzan University, Zanzan, Iran.

Zahedipour, Gh.R., **Raisossadat, S.N.**, Khazaei, A.R. and Babazadeh, S.A. 2014. Biostratigraphy of the base of Sarcheshmeh Formation based on ammonites at south east Shirvan area, Kopet Dagh. Proceeding of 32nd National and 1st International Geoscience Congress Fundamental Geology, p. 121-125, Geological Survey of Iran, Mashhad, Iran, 16-19 Feb. 2014.

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Moradi Salimi, H., **Raisossadat, S.N.** and Mahboubi, A. 2014. Paleobiogeography of Upper Albian-Lower Cenomanian at the Centre of Kopet Dagh Basin, based on ammonites. Proceeding of 32nd National and 1st International Geoscience Congress Fundamental Geology, p. 126-131, Geological Survey of Iran, Mashhad, Iran, 16-19 Feb. 2014.

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- Raisossadat, S. N.**, Seyed-Emami, K. and Owen, H. 2007. Lower Cretaceous (Aptian- Albian) paleobiogeography of the North-east (Koppeh Dagh) and Central Iran. First International Palaeobiogeography Symposium, July 10-13, 2007, Paris.
- Aryai A. A., Motamedalshariati M., Seyed-Emami, K., **Raisossadat, S.N.**, 2007. Biostratigraphy and palaeobiogeography of Chaman-Bid Formation based on ammonites in the Koppeh- Dagh Basin, The First Applied Geological Congress of Iran, Islamic Azad University of Mashhad. Iran.
- Raisossadat, S. N.**, 2007. Lower Cretaceous (Upper Barremian- Lower Albian) palaeogeography and paleobiogeography of the Kopet Dagh Basin in north east of Iran. Proceeding of the 1st Symposium of Iranian Paleontological Society, Department of Environment, 9 April 2007, Tehran, Iran.
- Shenavar, Sh., Khatib, M.M., Mohajel, M. and **Raisossadat, S.N.** 2007. Determination of slip initiation on strike-slip and normal faults based on critical limits of offset on en-echelon veins, 25th Symposium of Geosciences, Geological Survey of Iran, Tehran, Iran.
- Shokri, M.H., **Raisossadat, S.N.** and Mutterlose J., 2006. Calcareous nannofossils of the Sarcheshmeh and Sanganeh formations in Takal Kuh section at the north west of Kopet Dagh Basin, 10th Symposium of Geological Society of Iran, Tarbiat Modarres University, Tehran, Iran.
- Raisossadat, S.N.**, Zarrin Koub M.H. and Khatib, M.M., 2006. Geomorphology of Arid Areas: Sahl Abad Playa as a Case Study – East of Iran, 10th Symposium of Geological Society of Iran, Tarbiat Modarres University, Tehran, Iran.
- Raisossadat, S.N.** and Motamedalshariati, M. 2006. The first record of ichnofossils from north of Birjand, East of Iran. The 2nd International Palaeontological Congress, Nanjing, China.
- Raisossadat, S. N.** 2006. Ammonite distributions and its relation with the sea-level changes in the Sarcheshmeh and Sanganeh Formations at the Kopet Dagh Basin in north east of Iran, 24th Symposium of Geosciences, Geological Survey of Iran, Tehran, Iran.
- Raisossadat, S.N.** and Skelton, P. W. 2005. First record of rudist fauna from the Qayen area, Eastern Iran. 7th International Cretaceous Symposium, p.177-178, Neuchatel, Switzerland.
- Motamedalshariati M. and **Raisossadat, S. N.**, 2005. Ichnofossils of flysch deposits in east of Iran, 9th Symposium of Geological Society of Iran, Tarbiat Moallem University, Tehran, Iran.

- Skelton, P. W., **Raisossadat, S. N.**, Upadhyay R. and Bernoulli D. 2005. 'Yasin-type' rudist fauna from eastern Iran and northern Ladakh, 7th Internatinoal Congress on Rudists, Austin, Texas, USA.
- Motamedalshariati, M. and **Raisossadat, S.N.**, 2005. Trace fossils of flysch deposits at the North of Birjand, 23rd Symposium of Geosciences, Geological Survey of Iran, Tehran, Iran.
- Raisossadat, S.N.**, 2004. Biozonation of the Lower Cretaceous (Barremian-Albian) succession based on ammonites at the Kopet Dagh (Koppeh Dagh Basin, NE-Iran, 6th International Symposium Cephalopods-Present & Past, Fayetteville, Arkansas, USA
- Raisossadat, S.N.**, 2004. Sarcheshmeh and Sanganeh Formations biozonation based on ammonites in the Koppeh Dagh Basin, north east of Iran, 8th Symposium of Geological Society of Iran, Shahrood University, Iran.
- Raisossadat, S.N.** 2003. The relationship between ammonite distributions and sea-level changes in the Sarcheshmeh and Sanganeh Formations (Upper Barremian- Lower Albian) in the Kopet Dagh Basin in north east Iran. 47th Annual Meeting of Palaeontological Association, Leicester, UK.
- Raisossadat, S.N.** 2003. Stratigraphy and ammonite contents of Sanganeh Formation in the Kopet Dagh basin in north east of Iran, 7th Symposium of Geological Society of Iran, Isfahan University, Iran.
- Raisossadat, S.N.** 2003. Stratigraphy and ammonite contents of Sarcheshmeh Formation in the Kopet Dagh basin in north east of Iran, 21st Symposium of Geosciences, Geological Survey of Iran, Tehran, Iran.
- Raisossadat, S.N.** 2001. Lower Cretaceous (Upper Barremian-Lower Albian) Palaeobiogeography of the Kopet Dagh Basin in North East on Iran. North American Paleontological Convention 2001. p. 107, University of California, Berkeley, USA.
- Raisossadat, S.N.** 2001. Lower Cretaceous (Upper Barremian-Lower Albian) Palaeobiogeography of the Kopet Dagh Basin in North East on Iran. Palaeobiogeography and Paleoeology International Conference. p. 114, Piacenza, Italy.
- Raisossadat, S.N.** 2000. Lower Cretaceous ammonite biostratigraphy of the Sarcheshmeh and Sanganeh Formations in the Kopet Dagh Sedimentary Basin in north-east of Iran. 6th International Cretaceous Symposium. p. 108 Vienna, Austria.
- Raisossadat, S.N.** 2000. Relationship between ammonite fauna and facies in the Sarcheshmeh and Sanganeh Formations at the Kopet Dagh Basin in North east Iran. 7th Annual Iranian Students Seminar in Europe (ISS-2000) in Manchester.
- Raisossadat, S.N.** 1999. Biostratigraphy of the Lower Cretaceous (Barremian-Albian) succession of the Kopet Dagh Basin, NE-Iran, Iranian students Seminar in Europe, UMIST, Manchester.
- Raisossadat, S.N.** Moussavi-Harami, R. and Meysami, A., 1998. Litho and biostratigraphy of Sarcheshmeh and Sanganeh Formations in the eastern

Kopet Dagh Basin. p. 210, Third International Turkish Geology Symposium. Ankara, Turkey.

Raisossadat, S.N. 1998. Paleogeography and ammonite biozonation of the Lower-Upper Cretaceous (Aptian-Cenomanian) succession of the Kopet Dagh Basin, Iranian students Seminar in Europe, Educational Section, Embassy of Iran, London.

Raisossadat, S.N. and Naeemi, N., 1997. The effective factors in geomorphology of the Kopeh Dagh Basin, The First annually Conference of Geological Society of Iran, Tehran University, Tehran, Iran.

Naeemi, N. and **Raisossadat, S.N.**, 1997. The effective factors on landslides in the Kopeh Dagh Basin, The First annually Conference of Geological Society of Iran, Tehran University, Tehran, Iran.

Raisossadat, S.N. 1995. A lecture in Triassic stratigraphy of Iran, Monthly Seminar, Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

Raisossadat, S. N., Zarinkoub M. H. and Bardeh, M. 1995. Mineralogy of sediments of Sahl-Abad salt plain, The 4th Seminar on Mineralogy and Crystallography of Iran, Birjand, Iran.

Raisossadat, S.N. 1994. Petrography and sedimentary environment of Sarcheshmeh Formation in the east of Kopeh Dagh Basin in the Northeast of Iran, The Second Geological Symposium of Eastern Iran, University of Birjand, Birjand, Iran.

Raisossadat, S.N., 1993. Karst geomorphology in the limy Formations of the Kopeh Dagh Basin, International Symposium on Water Resources in Karst With Special Emphasis on Arid And Semi arid Zones, Shiraz University, Shiraz, Iran.

Raisossadat, S.N. 1992. Stratigraphy and biozonation of Sarcheshmeh and Sanganeh Formations in the east of Kopeh Dagh in the Northeast of Iran, The First Geological Symposium of Eastern Iran, Mashhad University, Mashhad, Iran.

Research and Training Experiences:

July- August 2017- Sabbatical period in The Institute of Earth Sciences (ISTerre), Grenoble University, France.

Nov. 2014- Palaeontology and paleogeography of Aptian-Cenomanian deposits (Sanganeh-Aitamir formations) in the Kopet Dagh Basin, NE Iran. A Research project granted by Research Affairs of Birjand University, Birjand, Iran.

June 2008- Study of Lower Cretaceous (Barremian- Aptian) calcareous nannofossils in Takal Kuh section at the Kopet Dagh Basin, north east Iran. A Research project granted by Research Affairs of University of Birjand, Birjand, Iran.

March 2007- GPS Workshop. Research Affairs Birjand University, Birjand, Iran.

June 2005-Sept. 2005- Researcher (Short term), Palaeontology Dept., Natural History Museum, London, UK.

May 2003- Methods of Education Workshop. Education Affairs Birjand University, Birjand, Iran.

May 1997- Genesis and economic geology potential of Sahlabad Salt Plain. A Research project granted by Research Affairs of Birjand University, Birjand, Iran.

December 1996- Research Methods Workshop. Research Affairs Birjand University, Birjand, Iran.

September -December 1989- Training. Palaeontology Laboratories of Exploration and Production of National Iranian Oil Company, Tehran, Iran.

August 1986 (One Month) Training. Geology Section, Exploration and Production of National Iranian Oil Company.

Educational and Work Experiences:

A) Educational Experience

1- Teaching the following courses from 1992;

Invertebrate Palaeontology, Microfossils, Stratigraphy, Stratigraphy of Iran, Geology of Iran, Field Geology, Petroleum Geology; Geomorphology; Scientific text in Geology, Physical Geology.

2- Tutoring of BSc students 1993-1996 and 2003- present.

3- Supervisor of 10 B.Sc. theses from 1992 – 1995.

4- Supervisor and advisor of PhD and MSc theses from 2006 (24 items)

B) Administrative Experiences

March 2023- ongoing – Member of editorial board of Stratigraphy and Paleontology Journal (Zanjan University, Iran)

Dec. 2022 – continue- Member of editorial board of Journal of Iranian Society of Petroleum Geology.

Oct. 2017- Present- Head of Earth Sciences Research Group, Research and Technology Affairs (Deputy of Research and Technology), University of Birjand, Birjand, Iran.

Jan. 2017-Present- Professor, Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

March 2020- June 2022- Member of the Specialized Committee for Geological Curriculum Planning, Ministry of Science, Research and Technology, Iran.

Jan. 2019- Jan. 2022- Member of Geology Committee, Iranian Mining Engineering Organization, Southern Khorasan, Birjand, Iran.

April 2018- April 2022- Member of Strategic Council of Lut Desert, Cultural Heritage, Handicrafts and Tourism Organization, South Khorasan Province, Iran

Feb. 2017- 2019- The Promotion Committee of members review university upgrade, University of Birjand, Birjand, Iran.

Feb. 2017- 2019- Head of the Basic Sciences Commission, The Promotion Committee of members review university upgrade, University of Birjand, Birjand, Iran.

July 2016-July 2017- Inspector of Iranian Mining Engineering Organization, Southern Khorasan, Birjand, Iran.

Jan. 2012- Dec. 2017- Entrepreneurship and relationship Industry Officer in Faculty of Science, University of Birjand, Birjand, Iran.

Feb. 2012-Jan. 2017- Associate Professor, Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

Nov. 2006- May 2013- Research and Postgraduate Officer, Faculty of Science, University of Birjand, Birjand, Iran.

May 2006-May 2007- General Secretary, The 14th Seminar on Mineralogy and Crystallography of Iran, Birjand, Iran.

Sept. 2004- Part-time Researcher, Natural History Museum, Cultural Heritage Organization, Southern Khorasan, Birjand, Iran.

Feb. 2004- Feb 2006- Member of Research Council, Iran Department of Environment, Southern Khorasan Province.

February-October 2003- Research Officer, Faculty of Science, University of Birjand, Birjand, Iran.

October 2002-Feb. 2012- Assistant Professor, Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

September 1995- September 1997- Head of Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

March 1992- September 2002- Lecturer, Geology Department, Faculty of Science, University of Birjand, Birjand, Iran.

May 1995- August 1995- General Secretary, The 4th Seminar on Mineralogy and Crystallography of Iran, Birjand, Iran.

August 1993– August 1994- General Secretary, The Second Geological Symposium of Eastern Iran, Birjand, Iran.

July 1991- March 1992- Field Geologist, Geological Survey of Iran, Tehran, Iran.

April 1989 – November 1989- Geologist, Research Affairs of Crusade for Development Universities, Teacher Training (Tarbiat Moallem) University, Tehran, Iran.

March 1989- October 1989- Field Geologist, Dept. of Watershed Management, Striving for Reconstruction and Development Organisation, Mashhad, Iran.

Awards:

1989- Three years grant for MSc course from Ministry of Science, Research and Technology, Iran.

1997- Three years grant for PhD course from Ministry of Science, Research and Technology, Iran.

2000- A grant from APPG in Aids (for my PhD thesis)

2004- A grant from Sylvester-Bradley Award

Membership

Member of APPG, 1993-1997

Member of Geological Society of London, 1998-2003

Member of Palaeontological Association, 1998-present

Member of Geological Society of Iran 1996-present (member of board from 2013-2017)

Member of Paleontological Society of Iran, 2005-present

One of founders and a member of board of Iranian Paleontological Society, 2006- 2014, 2019-Present.

Member of Iranian Mining Engineering Organization, 2003- present

Member of IUGS Lower Cretaceous Ammonite Working Group, the Kilian Group, 2003-present

Fields of Interest:

- Stratigraphy and Geology of Iran
- Invertebrate fossils (Ammonites, Belemnites, Gastropoda, Brachiopods)
- Microfossil (Foraminifera)
- Sequence Stratigraphy
- Microfacies
- Trace fossil