Ali Akbar Daya

Associate Professor

Faculty : Engineering

Departments : Mining Engineering

Phone : +9854 - 31133708

Email : aliakbardaya@eng.usb.ac.ir

Address : Dept.of Mining Engineering, Faculty of Engineering, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- MS, Mining Engineering,University of Tehran - 2003
- PhD, Mining Engineering,Amirkabir University of Technology - 2011

Courses

1. lan
2. a
3. Statistics and probability in engineering
4. The Language of Mining in English
5. Technical Services in Mines(II)
6. Analytical Methods of Minerals
7. Engineering Geology
8. amar
9. Laboratory Analytical Methods of Minerals
10. Exploration Drilling
11. Principles of Mineral Exploitation
12. Principal of Mineral Exploration
13. Ornamental Stone
14. bazdid zamin va madan
15. Statics
16. 0
17. aaaa
18. nnn
19. Ore Reserve Evaluation
20. Exploration data analysis
21. Advanced Geostatistics
22. Analytical Methoda of Minerals and lab

Master Thesis

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سلمان رييسي, [Mohammad Boomeri, Ali Akbar Daya]

نيمسال اول سال تحصيلي96-95

Journals Papers

2019

1. Application and comparison of the cokriging and the fractal model for identifying geochemical anomalies in Janja area, SE Iran

Ali Akbar Daya, Marzieh Hosseini Nasab

International Journal of Mining and Mineral Engineering Volume: (10) 1 - 26

2. Nonlinear disjunctive kriging for the estimating and modeling of a vein copper deposit

Ali Akbar Daya

Iranian Journal of Earth Sciences Volume: (11) 226 - 236

2018

3. Separation of geochemical anomalies using inverse distant weighting (IDW) and concentration-area (C-A) fractal modeling based on stream sediments data in Janja Region SE Iran

Marzieh Hosseini Nasab, Ali Akbar Daya

Bulletin of the Mineral Research and Exploration Volume: (156) 167 - 178

4. Comparative analysis between concentration- number (C-N) and concentration- area (C-A) fractal models for separating anomaly from background in Siahrood 100,000 sheet, NW Iran.

Ali Akbar Daya, Rahele Moradi

Volume: (8) 87 - 94

2017

5. Selection of chromite processing plant site using fuzzy analytic hierarchy process (FAHP)

Hadi Bejari Valam, Ali Akbar Daya,

Journal of Mining and Environment Volume: (8) 155 - 162

6. Identification of geochemical anomalies by the use of concentration-area (C-A) fractal model in Nakhilab region, SE Iran

Ali Akbar Daya, Mohammad Boomeri,

International Journal of Mining and Mineral Engineering Volume: (8) 70 - 81

2015

7. A comparative study of concentration-area (C-A) and spectrum-area (S-A) fractal models for separating geochemical anomalies in Shorabhaji region NW Iran

Ali Akbar Daya, Peyman Afzal

Arabian Journal of Geosciences Volume: (10) 8263 - 8275

8. Comparative study of C–A, C–P, and N–S fractal methods for separating geochemical anomalies from background: A case study of Kamoshgaran region, northwest of Iran

Ali Akbar Daya

JOURNAL OF GEOCHEMICAL EXPLORATION Volume: () 52 - 63

9. مقايسه بين روشهاي فركتالي عيار مساحت و طيف توان مساحت در جدايش آنومالي از زمينه

Ali Akbar Daya,

Arabian Journal of Geosciences Volume: () 8263 - 8275

10. مقايسه روشهاي كريجينگ معمولي و ساده در تخمين ذخاير معدني با مطالعه موردي مس چهل كوره

Ali Akbar Daya, Hadi Bejari Valam

Arabian Journal of Geosciences Volume: () -

11. استفاده از روش فركتالي عيار مساحت در جدايش آنومالي از زمينه شوراب حاجي كردستان

Ali Akbar Daya

Arabian Journal of Geosciences Volume: () 3905 - 3913

12. A comparative study between simple kriging and ordinary kriging for estimating and modeling the Cu concentration in Chehlkureh deposit, SE Iran

Ali Akbar Daya, Hadi Bejari Valam

Arabian Journal of Geosciences Volume: (8) 6003 - 6020

13. A comparative study of concentration-area (C-A) and spectrum-area (S-A) fractal models for separating geochemical anomalies in Shorabhaji region, NW Iran

Ali Akbar Daya,

Arabian Journal of Geosciences Volume: (8) 8263 - 8275

2014

14. Application of disjunctive kriging for estimating economic grade distribution in an iron ore deposit A case study of the Choghart North Anomaly Iran

Ali Akbar Daya

JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA Volume: (83) 567 - 578

15. Application of concentration area method for separating geochemical anomalies from background a case study of Shorabhaji region northwest of Iran.

Ali Akbar Daya

Arabian Journal of Geosciences Volume: () -

16. A comparitive study between ordinary kriging and simple kriging for modelling cu values in chelkureh

Ali Akbar Daya, Hadi Bejari Valam

Arabian journal of geosciences Volume: () -

17. A comparative study between simple kriging and ordinary kriging for estimating and modeling the Cu concentration in Chehlkureh deposit SE Iran

Ali Akbar Daya, Hadi Bejari Valam

Arabian Journal of Geosciences Volume: () -

18. Comparative study of C A C-P and N-S fractal methods for separating geochemical anomalies from background A case study of Kamoshgaran region northwest of Iran

Ali Akbar Daya

JOURNAL OF GEOCHEMICAL EXPLORATION Volume: (149) -

19. کاربرد کریجینگ غیر خطي منفصل در تخمین ذخایر معدني با مطالعه موردي انومالي شالي چغارت

Ali Akbar Daya

JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA Volume: (83) 567 - 576

2013

20. Application of median indicator kriging in the analysis of an iron mineralization

Ali Akbar Daya

Arabian Journal of Geosciences Volume: (25) -

21. A comparative analysis between disjunctive kriging and ordinary kriging for estimating the reserve of a mine a case study of choghart iron ore deposit

Ali Akbar Daya, Soheil Zare Motlagh

Journal of Mining and Metallurgy Section B-Metallurgy Volume: (49) 1 - 8

2012

22. Reserve estimation of central part of Choghart north anomaly iron ore deposit through ordinary kriging method

Ali Akbar Daya

International journal of mining science and technology Volume: (22) 573 - 577

Conferences Papers

2021

1. Technical and economic evaluation of desalination methods from seawater

3rd International Congress on Water Desalination: Application of Advanced Technologies in Unconventional Water Treatment for Zones under Water Stress

Ali Akbar Daya

2018

2. Determination of the origin of dust by mineralogical and geochemical studies of their particles

25th Symposium of Crystallography and Mineralogy of Iran

2017

3. Identification of geochemical anomalies using fractal analysis in Janja area SE Iran

8th International Conference on Advances in Engineering and Technology

Ali Akbar Daya, Marzieh Hosseini Nasab

4. Not

Not

Ali Akbar Daya, , Soheil Zare Motlagh

2015

5. Geochemical Anomaly Separation by Number-Size (N-S) Fractal Model in Nakhilab Region SE Iran

24th International Mining Congress and Exhibition of Turkey

, Ali Akbar Daya, Mohammad Boomeri

6. Identification of Geochemical Anomalies by Using of Concentration-Area (C-A) Fractal Model in Nakhilab Region SE Iran

Executive activities

Research Project

1. Grade modeling and estimating the reserve of deposit using nonlinear geostatistics methods

Ali Akbar Daya, Soheil Zare Motlagh -

2. Selection of Chromite Processing Plant Site Using the Fuzzy Analytic Hierarchy Process (Fuzzy-AHP) A

Hadi Bejari Valam, Ali Akbar Daya, -