

Zeinab Piervandi

Profile: Female, 35, Single

Nationality: Iran

Current location: Tehran

Email: zeinab_piervandi@yahoo.com

zpiervandi@gmail.com

Mobile: +989127816339

+989139877077

+393512920178

Education

Sep2014-Oct2019, PhD, Mineral processing engineering

Department of Mining Engineering, *Tarbiat Modares University, Tehran, Iran.*

Thesis: Investigation of kinetics and mechanisms of minimization of heavy metals mobility from copper sulfide tailings dam; in the presence and absence of indigenous bacteria.

Sep2008-Oct2010, Master of sciences, Mineral processing engineering

Department of Mining Engineering, *Shahid Bahonar University, Kerman, Iran.*

Thesis: Optimization of auriferous pyrite flotation from cyanidation tailings of Mouteh Gold plant.

Sep2004-Oct2008, Bachelor of Science, Mining engineering, Imam Khomainsi University, Qazvin, Iran.

Thesis: Theoretical investigation of joint anisotropy on the mechanical stability of a sedimentary rock

Publications

Papers:

- Piervandi, Z. and Sam, A. 2009. Optimization of auriferous pyrite flotation in batch scale. 7th Iranian student mining engineering conference.
- Piervandi, Z., Khodadadi Darban, A., Mousavi, S. M., Abdollahy, M. and Assadollahfardi, Gh., 2016. Bacterial and compositional characterization of Sarcheshmeh copper tailings' sample. 4th International Mine & Mining Industries Congress and 6th Iranian Mining Engineering Conference

Book:

- Edition of book of "the relationship between university and industry through Iranian approach". Banisi, S. 2013. Hormozgan University, Iran, ISBN 9786007279007.

Membership of societies

- Member of Mining Engineering Organization, Qazvin, Iran.
- Membership of Iran's National Elites Foundation.

Work experiences

Technical files manager

ASIA NAMA CNG cylinders mfg. group
September 2010 – September 2011

University teacher

Qazvine Kar University
2008 – 2010

Health, Safety, and the Environment (HSE) group
Industrial drawing, Electronic engineering basics, Health and safety in mine and buildings,

Technical responsible of mines

Mining Engineering Organization, Qazvin
April 2009 – Present

- Youzbash Chai mine, in Abyek city, July2008- June2009,
- Sharghe Arvan mine, in Abgarm city, July2010- June2012,
- Tiekhour barite mine, in Abyek city, July2012- August2014,
- Jazmeh sand mine, in Abyek city, July2015- June2016,
- Lezgi sand mine, in Abyek city, July2017- Present

Technical consultant

Iran Mineral Processing Research Center (IMPRC)

April 2013 – June 2013 (3 months)

For Sangan Iron plant project (plant preliminary indexes for setting up)

Educational consultant

Ghalamchi educational foundation, Iran

2010-2013

Honours

- Get first place among my flow postgraduate students (bachelor of science),

Submitted journals in the classifications of Environmental bioleaching

(extracted from PhD thesis):

- 1) Biogenic passivation treatment of sulphide tailings sample in the presence of indigenous bacteria
- 2) Minimization of metal sulphides bioleaching from mine wastes into the aquatic environment