

Yishen Zhang

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December 17, 1993, China

EDUCATION

- China University of Geosciences Beijing Geology. B.D(2012.9-2016.7)
- China University of Geosciences Beijing Petrology, Mineralogy, Mineral deposits. Ms.D (2016.9-2019.5)
- KU Leuven, geology, PhD student (2019.6-present)

GEOLOGICAL FIELD EXPERIENCE

- Changbai Mountain (North China), Tianchi volcano, 2 weeks, 2018;
- Yunnan (China), Tengchong volcano, 2 weeks, 2018;
- Emeishan Province (China), 2 weeks, 2018;
- Zhangjiakou (North China), Yaojiazhuang complex, 1 weeks, 2018;
- Akesu, Xinjiang (China), Gold deposits, 3 weeks, 2014;
- Zhoukoudian (China), field mapping courses, 4 weeks, 2013;
- Beidaihe (China), field excursion, 2 weeks, 2012.

LABORATORY EXPERIENCE

Experimental petrology:

One-atmosphere gas-mixing furnace with controlled oxygen fugacity
Piston cylinder apparatus (1-2 GPa)

Analytical geochemistry/petrology:

Electron microprobe
Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS)

ACCOMPLISHMENTS

- National Awards for Excellent Graduate Students (2%) (2018)
- Third prize in professional course. (15%) (2014, 12)
- Third prize in professional course. (15%) (2014, 6)
- Fourth prize in Institute Scientific Research Activity (2014, 5);
- Third prize in professional course. (15%) (2013, 12)

OTHER RELATED SKILLS

- Experienced programming in Python and Matlab.
- Experienced web application development, including Django, HTML5, CSS.
- Experienced designer and editor by working with Adobe Illustrator, Premiere.

PUBLICATIONS

Journal publications

•**Zhang Y-S**, Hou T, Veksler IV, Leshner CE, Namur O, 2018. Phase equilibria and geochemical constraints on the petrogenesis of high-Ti picrite from the Paleogene East Greenland flood basalt province. *Lithos*, 300-301,20-32.

Abstract

•**Zhang Y-S**, Namur O, Charlier B, 2020. Experimental liquid lines of descent for low-Ti and high-Ti basalts of the Emeishan Large Igneous Province, SW China. EMPG-XVII 2020.

•**Zhang Y-S**, Hou T, Veksler IV, Leshner CE, Namur O, 2018. Phase equilibria and geochemical constraints on the petrogenesis of high-Ti picrite from the Paleogene East Greenland flood basalt province. Goldschmidt Abstract 2018.

TEACHING

Soil Science & Geology (practical) 2021

SUPERVISION

Lander CUYPERS (BD)

Sarah Stammen (MD)

PERSONAL TRAITS

- A self-motivated and passionate learner;
- Highly interested in experimental petrology;
- Always seek new challenges, whether to creatively solve problems or to innovate on existing methods.