

Jason Kaiser

Department Chair Geosciences/Associate Professor of Geology at Southern Utah University
Cedar City, UT, US

Specializing in volcanoes and understanding how and why magma accumulates in the Earth's crust

Biography

Dr. Jason Kaiser's fascination with volcanoes has taken him all over the world in order to understand how and why magma accumulates in the Earth's crust. As an assistant professor of geology at Southern Utah University, Dr. Kaiser uses his experience and global research to influence and enrich his classroom. In order to learn about different geological features, Kaiser has travelled to Bolivia, Chile, Argentina, Iceland, the Bahamas and across the United States. He is currently investigating geothermal energy sources and potential disasters in southern Utah, as one of his broader interests include geologic hazards and natural disasters. He earned a bachelor's degree in geology from the Missouri University of Science and Technology, a master's degree in geology from the University of Massachusetts-Amherst, and a Ph. D. in Volcanology from Oregon State University. His dissertation was on the volcanology, stratigraphy, and geochemistry of the Pastos Grandes Caldera Complex in Southwest Bolivia.

Industry Expertise

Precious Metals / Minerals, Education/Learning, Mining and Metals

Areas of Expertise

Structural Geology, Chemistry of Minerals, Potential Natural Disasters in Southern Utah, Potential Geological Hazards in Southern Utah, Volcanology, Volcano Imaging and Tomography, Petrology, Mineralogy, Geomorphology, Geological Mapping, Geochemistry, Chemistry, Volcanoes, Tectonics, Geothermal Energy Sources in Southern Utah, Geology of Utah National Parks, Geology of Southern Utah

Affiliations

National Association of Geoscience Teachers, American Geophysical Union, Geological Society of America, Mineralogical Society of America, International Association of Volcanology and Chemistry of the Earth's Interior, Association for Women Geoscientists, Sigma Gamma Epsilon, American Association of Petroleum Geologists

Education

University of Missouri-Rolla
B.S. Geology/Earth Science

University of Massachusetts Amherst
M.S. Geology

Oregon State University
Ph. D. Volcanology

Accomplishments

EDGE Mentor Award
2016

Graduate Teaching Assistant of the Year, OSU
2012

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