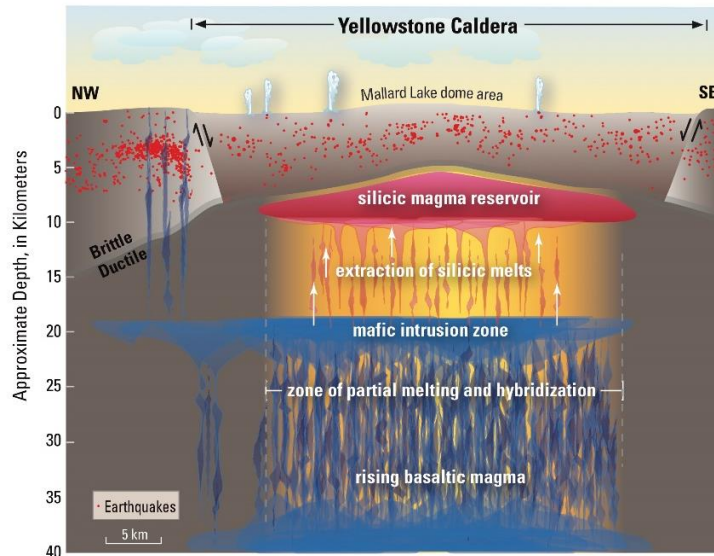


presents

Hazards, History, and Hydrothermal Phenomena at the Yellowstone Caldera

Dr. Jacob Lowenstern, U.S. Geological Survey

This talk will include an overview of the geology of Yellowstone and its magmatic system, the range of volcanic and hydrothermal hazards, and some of the exciting episodes of unrest over the past couple id decades. In addition, highlights from USGS research on gases and waters of the Yellowstone hydrothermal system will be presented.



Jake Lowenstern is a native of northern Virginia, and went to Dartmouth College, followed by graduate school at Stanford. Following a year-long postdoc in Japan, he started work at the USGS, where he did research on the intersection of igneous petrology, economic geology, and geothermal systems. He served as Scientist-in-Charge of the Yellowstone Volcano Observatory from 2002 to 2017, while continuing to live in the SF Bay Area. He moved to the Cascades Volcano Observatory in Vancouver WA in 2018 to become the director of the Volcano Disaster Assistance Program, which does global volcano observatory capacity building and is largely funded by USAID.

4:00 p.m. MDT, Friday, Sept. 4, 2020
Classroom Building, Room CB 204W

<http://www.sdsmt.edu/GGEseminar>