

GRAND JUNCTION GEOLOGICAL SOCIETY

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SEPTEMBER MEETING

Joint meeting with the CMU Geology Students

WEDNESDAY, SEPTEMBER 20, 2023

7:30 PM

Saccomanno Lecture Hall

(Room 141 in the Wubben-Science Building)

Dr. Thomas Wright

Emeritus Scientist-in-Charge, Hawaiian Volcano Observatory

Will Speak On

History of Studies at Kilauea Volcano, Hawaii

The abstract and speaker's biography are below

Guests Are Always Welcome

**The presentation will be in person but will also be available
by Zoom for those unable to attend. Zoom instructions
follow the abstract and bio.**

Abstract: History of Studies at Kilauea Volcano, Hawaii

The earliest study of Kilauea began with a visit by missionaries in 1823, when they viewed erupting lava covering the entire floor of Kilauea Caldera and heard from the Hawaiians of the explosive eruption in 1790 that killed a passing Hawaiian army. Systematic study of Kilauea began with the founding of the Hawaiian Volcano Observatory in 1912, now part of the U.S. Geological Survey. I will describe the insights of the early observers into the volcanic processes at Kilauea, and the progress of our modern understanding, up to the destruction of communities when lava covered a significant part of the southeast coast of Kilauea in 1989 and 1990.

Brief Bio: Thomas Wright, after receiving a B.A from Pomona College and a PhD from John Hopkins University, has spent a 62-year career with the U.S. Geological Survey. He spent two 7-year tours at the Hawaiian Volcano Observatory, first as a geologist in the 1960s, returning as Scientist-in-Charge from 1984 to 1991. He oversaw the production of a volcano hazard map that would help guide zoning and land use decisions on the island of Hawaii. His work has included study of the cooling and solidification of lava that filled a pit crater, extensive geodetic monitoring of the active volcanoes Kilauea and Maura Loa, and studying lava composition within and between eruptions resulting in many peer-reviewed publications. He has published a book on the early observations of Kilauea and a monograph covering the results of study of Kilauea from 1790 to 2008. As an emeritus scientist after 1975, he has continued to maintain a computer bibliography of everything of interest to students of Hawaiian volcanology and, as a research associate at Johns Hopkins, he spent several years coaching graduate students on their Journal Club talks.

Andres Aslan is inviting you to a scheduled Zoom meeting.

Topic: My Meeting

Time: Sep 20, 2023 07:00 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://coloradomesa.zoom.us/j/91976079672>

Meeting ID: 919 7607 9672