

Tuesday, March 22, 2016

[T344]

## POSTER SESSION I: ENVIRONMENTAL ANALOGS: NASA ACTIVITIES

6:00 p.m. Town Center Exhibit Area

Graff T. Miller M. Rodriguez-Lanetty M. Chappell S. Naidu A. et al. **POSTER LOCATION #648**  
[NEEMO 20: Science Training, Operations, and Tool Development](#) [#2212]

A summary of the scientific training, scientific operations, and tool development conducted during the NEEMO 20 mission.

Bleacher J. E. Eppler D. B. Bussey D. B. Neal C. R. **POSTER LOCATION #649**  
[Astronaut Geology Training: Back to the Future, or Deja Vu All Over Again...](#) [#2378]

We discuss the recent and ongoing efforts related to geology training of astronauts for Earth observation from ISS and planetary exploration.

Young K. E. Yant M. H. Rogers A. D. Evans C. A. Bleacher J. E. et al. **POSTER LOCATION #650**  
[Characterizing Hawaiian Hydrothermal Basaltic Alteration Using Field Portable and Laboratory Techniques](#) [#2313]

We use multiple analytical techniques to characterize Hawaiian basaltic alteration products at the planetary analog December 1974 flow at Kilauea Volcano, HI.

Ito G. Rogers A. D. Young K. E. Bleacher J. E. Edwards C. S. et al. **POSTER LOCATION #651**  
[Assessing the Incorporation of Portable Infrared Imaging into Planetary Geological Field Work](#) [#1953]

We evaluate the incorporation efforts of infrared spectral imaging for planetary human missions at Kilauea Volcano, Hawaii.

Kobs Nawotniak S. E. Borg C. Hughes S. S. Sears D. W. G. Trcka A. et al. **POSTER LOCATION #652**  
[Reconstructing Phreatic Blasts from Ballistic Block Fields at Kings Bowl, Idaho](#) [#2514]

Ballistic ejecta at Kings Bowl, Idaho, indicate a series of phreatic blasts along a fissure. Modeling suggests a way to calculate in-ground volatile budget.

Lim D. S. S. Cohen B. A. Young K. E. Brunner A. Elphic R. E. et al. **POSTER LOCATION #653**  
[Pre-Mission Input Requirements to Enable Successful Sample Collection by a Remote Field/EVA Team](#) [#1300]

Simulations yield / Astronaut training wisdom: / Good sampling takes time.

Heldmann J. L. Lim D. S. S. Hughes S. Kobs Nawotniak S. Garry B. et al. **POSTER LOCATION #654**  
[Overview of NASA FINESSE \(Field Investigations to Enable Solar System Science and Exploration\) Science and Exploration Project](#) [#1269]

The FINESSE project is a science and exploration field-based program to generate strategic knowledge prior to human and robotic exploration of planetary bodies.