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## PUBLICATIONS:

Books:

Total: 1

**Ramsey, M.S., [Natural Disasters: Recitation Manual](#)** (2<sup>nd</sup> ed.), Kendall Hunt Publishing, Dubuque, IA, ISBN: 978-1-5249-1319-9, 2017.

Peer-Reviewed Articles (Published/In Press):

Total: 54

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Price, M.A.\*, **Ramsey, M.S.** and Crown, D.A., **[Satellite-Based Thermophysical Analysis of Volcaniclastic Deposits: A Terrestrial Analog for Mantled Lava Flows on Mars](#)**, *Remote Sens.*, 8, 152; doi:10.3390/rs8020152, 2016.

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Patrick, M.R., Kauahikaua, J., Davies, A., **Ramsey, M.**, Antolik, L. and Lee, L., **[Operational thermal remote sensing and lava flow monitoring at the Hawaiian Volcano Observatory](#)**, in: Harris, A.J.L., De Groeve, T., Garel, F. & Carn, S.A. (eds.), *Detecting, Modelling and Responding to Effusive Eruptions*, *Geol. Soc., London, Special Publications*, 426, doi: 10.1144/SP426.17, 489-503, 2016.

**Ramsey, M.S., [Synergistic use of satellite thermal detection and science: A decadal perspective using ASTER](#)**, in: Harris, A.J.L., De Groeve, T., Garel, F. & Carn, S.A. (eds.), *Detecting, Modelling and Responding to Effusive Eruptions*, *Geol. Soc., London, Special Publications*, 426, doi:10.1144/SP426.23, 115-136, 2016.

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Peer-Reviewed Articles/Book Chapters (In Preparation/Review/Revision):

Total: 8

- Harburger, A.M.\* and **Ramsey, M.S.**, Pahoehoe crust thickness, viscosity, and rheology derived from thermal infrared camera data, *Bull. Volc.*, (in preparation).
- Hungerford, J.D.G. and **Ramsey, M.S.**, The discrimination of subaerial, glaciated and subglacially emplaced lava flows with thermal infrared data, *Rem. Sens. Environ.*, (in preparation).
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Non Peer-Reviewed Articles/Conference Proceedings:

Total: 7

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- Ramsey, M.S.**, **Object detection utilizing a linear retrieval algorithm for thermal infrared imagery**, in *Proc. of the Sec. Intl. Airborne Rem. Sens. Conf.*, San Francisco, CA, v. 2, pp. 559-569, 1996.

Extended Conference Abstracts:

Total: 57

- 2017 Simurda, C.M.\*, **Ramsey, M.S.** and Crown, D.A., How mantled are the lava flows in Daedalia Planum?, *Lunar Planet. Sci. Conf. #XLVIII, abs. #2784*, 2017.
- 2016 Simurda, C.M.\*, **Ramsey, M.S.** and Crown, D.A., Surface characteristics of the Daedalia Planum lava flow field derived from thermophysical and geological mapping, *Lunar Planet. Sci. Conf. #XLVII, abs. #2594*, 2016.

- 2015 Crown, D.A., Berman, D.C., Chuang F.C., **Ramsey, M.S.**, and Tornabene, L.L., Geologic mapping investigations of the southern Tharsis region of Mars, *Ann. Planetary Geol. Mappers Mtg.*, 2015.  
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<sup>5</sup> Selected as best student first-author presentation in the Biogeosciences sessions, AGU meeting, 2002

<sup>4</sup> Chosen as a featured story on NASA's Earth Observatory Web Page

<sup>3</sup> Featured in NASA/American Geophysical Union press conference

<sup>2</sup> Chosen as a news story on NASA's Earth Observatory Web Page

<sup>1</sup> Selected as newsworthy by the Geological Society of America