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PUBLICATIONS:

Books:

Total: 1

Ramsey, M.S., [Natural Disasters: Recitation Manual](#) (3rd ed.), Kendall Hunt Publishing, Dubuque, IA, ISBN: 978-1-5249-4807-8, 2018.

Peer-Reviewed Articles (Published/In Press):

Total: 56

Krippner, J.B.*, Belousov A.B., Belousova M.G. and Ramsey, M.S., Parametric analysis of lava dome-collapse events and pyroclastic deposits at Shiveluch volcano, Kamchatka, using orbital visible and infrared data, *J. Volc. Geotherm. Res. (in press)*, 2018.

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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*

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

Total: 10

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- Harburger, A.M.* and **Ramsey, M.S.**, Pahoehoe crust thickness, viscosity, and rheology derived from thermal infrared camera data, *Bull. Volc.*, (in preparation).
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- Ramsey, M.S.** and Lee, R.J.*, A new thermal camera system for compositional analysis of geologic surfaces, *IEEE Geosciences*, (in preparation).
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Total: 7

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- Ramsey, M.S.**, Stefanov, W.L. and Christensen, P.R., **Monitoring world-wide urban land cover changes using ASTER: Preliminary results from the Phoenix**, AZ LTER site, in *Proc. of the 13th Appl. Geol. Rem. Sens. Conf.*, Vancouver, BC, Canada, v. 2, pp. 237-244, 1999.
- 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: 61

- 2018 Ashley, K.T., McKeeby, B.E.*, Harlov, D.E., Bodnar, R.J., Ramsey, M.S., High-resolution raman spectroscopy constraints on apatite halogen composition: Implications for planetary volcanism and igneous processes, *Lunar Planet. Sci. Conf. #XLIV, abs. #xxxx, (submitted)*, 2018.
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Simurda, C.M.*, **Ramsey, M.S.** and Crown, D.A., Modeling particle size distributions that cause the unique thermophysical variations in Daedalia Planum, Mars, *Lunar Planet. Sci. Conf. #XLIV, abs. #xxxx, (submitted)*, 2018.
Simurda, C.M.*, Scheidt, S.P.*, **Ramsey, M.S.** and Crown, D.A., Interpreting subpixel surface roughness and block size distribution to improve thermal inertia interpretations of Mars, *Lunar Planet. Sci. Conf. #XLIV, abs. #xxxx, (submitted)*, 2018.
- 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.
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Price, M.A.*, **Ramsey, M.S.** and Crown, D.A., Thermophysical characteristics of mantled terrestrial volcanic surfaces: Infrared analogs to the Arsia Mons flows, *Lunar Planet. Sci. Conf. #XLIV, abs. #1640*, 2013.
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⁸ Selected as Outstanding Student Presenter Award (OSPA) in the VGP sessions, AGU meeting, 2015

⁷ Selected as best student first-author presentation in the VGP sessions, AGU meeting, 2009

⁶ Selected as best student first-author presentation in the VGP sessions, AGU meeting, 2008

⁵ Selected as best student first-author presentation in the Biogeosciences sessions, AGU meeting, 2002

⁴ Chosen as a featured story on NASA's Earth Observatory Web Page

³ Featured in NASA/American Geophysical Union press conference

² Chosen as a news story on NASA's Earth Observatory Web Page

¹ Selected as newsworthy by the Geological Society of America