PUBLICATIONS:

Books/Book Chapters:


Peer-Reviewed Articles (Published/In Press):


Wessels, R.L., Schneider, D.J., Coombs, M.L., Dehn, J. and Ramsey, M.S., High-resolution satellite and airborne thermal infrared imaging of the 2006 eruption of Augustine Volcano,


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


**Non Peer-Reviewed Articles/Conference Proceedings:**


**Extended Conference Abstracts:**

*2015*


*2014*


*2013*


King, P.L., Lee, R.J.* and Ramsey, M.S., New methods to probe the full thermal history of volcanic rocks, *Geological Society of Australia, Specialist Group in Geochemistry, Mineralogy and Petrology (SGGMP) meeting*, 2012.


*2012*


Conference Abstracts:


Ramsey, M.S., INVITED: Deciphering soil moisture and surface composition of the world’s drylands using thermal infrared airborne and spaceborne data, GSA Annual Mtg., session T179, abs. 22-10, 2015.


Ramsey, M.S. and Harris, A.J.L., INVITED: The thermospectral infrared properties of active basaltic flows: Constraining petrology, lava cooling and flow propagation models, 26th IUGG General Assembly, Abst. & Prog., abs. #3519, 2015.


Williams, D.B.* and Ramsey, M.S., Ground-based analysis of volcanic ash plumes using a new multispectral thermal infrared camera approach, abs. PA43C-2196, presented at AGU Fall Mtg., 2015.

2014

Ramsey, M.S., Synergistic use of satellite volcano detection and science: A fifteen year perspective of ASTER on Terra, abs. GC51E-0479, presented at AGU Fall Mtg., 2014.


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Harburger, A.M.* and Ramsey, M.S., Measuring basaltic flow viscosity from crustal thickness, GSA Annual Mtg., abs. 250-8, 2011.

Hughes, C.G.* and Ramsey, M.S., Super-resolution of playa lake deposits over time, GSA Northeastern/North-Central Regional Mtg., GSA Abst. with Prog., vol. 43, no. 1, abs. 185881, 2011.

Lee, R.J.* and Ramsey, M.S., Thermal infrared (TIR) emission spectroscopy of silicic melts: Application to remote sensing of active volcanoes, GSA Northeastern/North-Central Regional Mtg., GSA Abst. with Prog., vol. 43, no. 1, abs. 184888, 2011.


Ramsey, M.S., How has remote sensing of dynamic activity evolved over the past decade?, GSA Northeastern/North-Central Regional Mtg., GSA Abst. with Prog., vol. 43, no. 1, abs. 184904, 2011.


Ramsey, M.S. and Lee, R.J.*, Thermal emissivity measurements of molten silicates: implications for lava flow emplacement and hazards, IUGG XXV General Assembly Abst. & Prog., abs. #4184, 2011.


Mohammad, R.*, Ramsey, M.S. and Scheidt, S.P.*, Using thermal infrared (TIR) data to characterize dust sources, dust fall and the linkage to climate in the Middle East, AGU abs. A13E-0266, presented at the AGU Fall Mtg., 2010.


Ramsey, M.S., INVITED: What more have we learned from thermal infrared remote sensing of active volcanoes other than they are hot?, Eos Trans. AGU, 90(52), Fall Mtg. Suppl., abs. V24B-01, 2009.


2007


2003  


2002  


2001  


* Coauthor who is a current or former graduate/undergraduate student

1 Selected as newsworthy by the Geological Society of America

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

3 Featured in NASA/American Geophysical Union press conference

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

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

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