

**Table A3.** Comparison of  $^{222}\text{Rn}$  measurements obtained from soil gas studies at various volcanoes.

<b>Volcano</b>	<b>References</b>	$^{222}\text{Rn}$ ( $\text{Bq m}^{-3}$ ) (mean)	$^{222}\text{Rn}$ ( $\text{Bq m}^{-3}$ ) (range)
Santorini	This study	2,187	31 to 10,469
Etna	Giammanco et al. (2007)	10,446	232 to 104,300
	Neri et al. (2011)	10,133	266 to 52,000
Stromboli	Laiolo et al. (2012)	1,800 (NE flank)	-
		12,600 (summit)	
El Teide Volcano Complex	Soler et al. (2004)	~17,000	~10,000 to ~22,000
Merapi	Zimmer and Erzinger (2003)	-	4,000 to 15,000
Popocatépetl	Segovia et al. (2001)	-	~250 to ~3,250 (1998 and 1999 surveys)