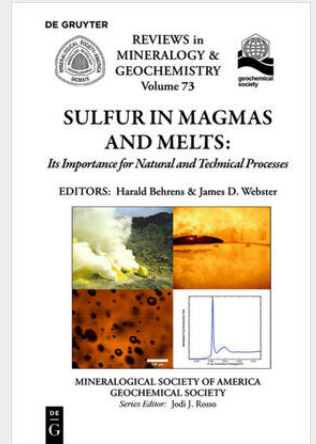


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## Sulfur in Magmas and Melts:

Its Importance for Natural and Technical Processes

Volume 73 of Reviews in Mineralogy and Geochemistry represents a compilation of the material presented by the invited speakers at a short course on August 21-23, 2011 called Sulfur in Magmas and Melts and its Importance for Natural and Technical Processes held at the Hotel der Achtermann, in Goslar, Germany following the 2011 Goldschmidt Conference in Prague, Czech Republic. It covers Studies of sulfur in melts - motivations and overview, Analytical methods for sulfur determination in glasses, rocks, minerals and fluid inclusions, Spectroscopic studies on sulfur speciation in synthetic and natural glasses, Diffusion and redox reactions of sulfur in silicate melts, The role of sulfur compounds in coloring and melting kinetics of industrial glass, Experimental studies on sulfur solubility in silicate melts at near-atmospheric pressure and Modeling the solubility of sulfur in magmas: a 50-year old geochemical challenge.



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