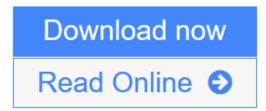


# Cold Aqueous Planetary Geochemistry with FREZCHEM: From Modeling to the Search for Life at the Limits (Advances in Astrobiology and

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Giles M. Marion, Jeffrey S. Kargel



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Written by two of the best US researchers in the field, this text investigates issues of astrobiological relevance in the context of cold aqueous planetary geochemistry. At the core of the technical chapters is the FREZCHEM model, initially developed over many years by one of the authors to quantify aqueous electrolyte properties and chemical thermodynamics at subzero temperatures. FREZCHEM is of huge relevance to scientists in a number of fields, including biogeochemists.

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