



## Element Migration and Isotope Fractionation during Mineral Weathering

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### Message from the Guest Editor

Dear Colleagues,

Silicate weathering can shape the Earth's surface, regulate global carbon cycles and determine nutrient supply to ecosystems, and is also a key process in controlling Earth's climate by regulating carbon dioxide levels.

Silicate weathering, on the other hand, involves the incongruent dissolution of primary minerals and precipitation of secondary minerals, during which element migration and isotope fractionation take place. Therefore, studying the element migration and isotope fractionation behaviors during mineral weathering would be conducive to revealing the relationship between silicate weathering and global cycles of carbon and other elements.





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## Message from the Editor-in-Chief

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