

[Subscribe](#)**Journal Details**[Home](#)[About GRL](#)[Editors](#)[Submissions](#)[Papers in Press](#)[Special Sections](#)**Journal Resources**[AGU Journals](#)[Digital Library](#)[Permissions](#)[Terms of Use](#)[Policies](#)[Key Statistics](#)[Tools for Authors](#)[How to Cite](#)[Dynamic Content](#)[Purchase Articles](#)[A&I Services](#)[Join AGU](#)**Top Weekly Downloads****Just Published****Editors' Highlights**[\(90\) Is the climate warming or cooling?](#)[\(87\) A 600-year annual 10Be record from the NGRIP ice core, Greenland](#)[\(78\) Vegetation dynamics and plant CO2 responses as positive feedbacks in a greenhouse world](#)[\(59\) Transient response of the MOC and climate to potential melting of the Greenland Ice Sheet in the 21st century](#)[\(58\) Coseismic surface-ruptures and crustal deformations of the 2008 Wenchuan earthquake Mw7.9, China](#)[View All](#)**Frontier Articles**

GRL publishes a limited number of ["frontier" articles](#), by invitation from Editors.

[Thermodynamics and optimality of the water budget on land: A review](#)[Recent in-situ observations of magnetic reconnection in near-Earth space](#)[Geomagnetic excursions: Knowns and unknowns](#)

Geophysical Research Letters (GRL) publishes short, concise research letters that present scientific advances that are likely to have immediate influence on the research of other investigators. GRL letters can focus on a specific discipline or apply broadly to the geophysical science community.

Impact Factor 2.744 in the 2007 Journal Citation Reports

ISSN 0094-8276

[More about GRL](#)[Contact Editorial Office](#)**Browse Articles**☒ Recently

published:

last 7 days

☐ By year and

month:

2009

Full year








[GRL prior to 2002](#)

Sorted by

Date

Submit

Journal Services

-  **E-Alert Sign-Up**
-  **Author's Choice**
-  **RSS Feeds**
-  **Cited By**
-  **Scitopia**
-  **Reference Tools**
-  **Contact AGU**

Cover Image