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The Hellisheidi geothermal power project in southwestern Iceland, site of a pilot study on the feasibility of sequestration of carbon dioxide in basaltic rocks. Here, carbon dioxide released from the hot water that powers the facility is dissolved in cooling water and injected below ground to a depth of 300 to 800 meters, where it can react with basalt to form new, stable minerals. See the special section beginning on page 1641.

*Photo: Haraldur Stefansson/Alamy*
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Oceanic Spawning Migration of the European Eel (Anguilla anguilla)
K. Aarestrup et al.
Satellite tracking technology has allowed scientists to map part of the migration route of the European eel.

RESEARCH ARTICLE
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Catalytic Conversion of Aryl Triflates to Aryl Fluorides
D. A. Watson et al.
A catalyst enables versatile carbon-fluorine bond formation using simple fluoride salts.
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Reversible Reactions of Ethylene with Distannynes Under Ambient Conditions
Y. Peng et al.
Ethylene reacts reversibly with triply bonded tin, contrasting with its reactivity toward carbon triple bonds.
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Coordinatively Unsaturated Al{Al}{O}_3 Centers as Binding Sites for Active Catalyst Phases of Platinum on γ-Al_2O_3
J. H. Kwak et al.
A combination of high-resolution spectroscopy and microscopy reveals the details of platinum binding to aluminum oxide.

Distribution of Mid-Latitude Ground Ice on Mars from New Impact Craters
S. Byrne et al.
Observations of ground ice exposed by recent impact craters probe the composition of the upper layers of the surface of Mars.

Holocene Glacier Fluctuations in the Peruvian Andes Indicate Northern Climate Linkages
J. M. Licciardi et al.
Glacial advances in the southern Peruvian Andes during the Holocene are correlated with the climate of the North Atlantic region.

Chloroquine Transport via the Malaria Parasite’s Chloroquine Resistance Transporter
R. E. Martin et al.
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C. Lartigue et al.
A Mycoplasma mycoides genome was engineered in yeast and then transplanted into M. capricolum cells to produce a new strain.

On Universality in Human Correspondence Activity
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Affinity toward a particular life-style affects the communication patterns between people.
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C. Merlin et al.
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Comment on “Infants’ Perserverative Search Errors Are Induced by Pragmatic Misinterpretation”
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Response to Comment on “Infants’ Perserverative Search Errors Are Induced by Pragmatic Misinterpretation”
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Special Feature: Careers in Humanitarian Science
E. Pain
Scientists are applying their skills to relieve hunger, disease, and human-rights violations.

Serving Human Rights and Humanitarian Needs
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Three passionate scientists describe their careers dealing with human rights.

Helping Feed the World
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Scientists are helping to increase and maintain food supplies where food is scarce.

Antplant Ants Are Never Satisfied
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