

PERSPECTIVE

- 384 **Potential and risks of hydrogen-based e-fuels in climate change mitigation**
Falko Ueckerdt et al.

BRIEF COMMUNICATION

- 394 **Focusing on differences across scenarios could lead to bad adaptation policy advice**
Bramka Arga Jafino, Stephane Hallegatte and Julie Rozenberg

ARTICLES

- 397 **Global changes in oceanic mesoscale currents over the satellite altimetry record**
Josué Martínez-Moreno et al.
- 404 **Future increases in Arctic lightning and fire risk for permafrost carbon**
Yang Chen et al.
→N&V p379
- 411 **Increasing risk of glacial lake outburst floods from future Third Pole deglaciation**
Guoxiong Zheng et al.
- 418 **Winter melt trends portend widespread declines in snow water resources**
Keith N. Musselman, Nans Addor, Julie A. Vano and Noah P. Molotch
→N&V p380
- 425 **Critical adjustment of land mitigation pathways for assessing countries' climate progress**
Giacomo Grassi et al.
→N&V p382
FOCUS
- 435 **Disturbance suppresses the aboveground carbon sink in North American boreal forests**
Jonathan A. Wang, Alessandro Baccini, Mary Farina, James T. Randerson and Mark A. Friedl
FOCUS
- 442 **Carbon loss from forest degradation exceeds that from deforestation in the Brazilian Amazon**
Yuanwei Qin et al.
FOCUS
- 449 **Woody-biomass projections and drivers of change in sub-Saharan Africa**
C. Wade Ross et al.
FOCUS

AMENDMENTS

- 456 **Author Correction: Climate economics support for the UN climate targets**
Martin C. Hänsel et al.
- 456 **Publisher Correction: Reply to: Eurasian cooling in response to Arctic sea-ice loss is not proved by maximum covariance analysis**
Masato Mori et al.