

EDITORIAL

455 Money for climate

OPINION & COMMENT

- 457 Correspondence: Culture versus cognition is a false dilemma
Sander van der Linden, Edward Maibach, John Cook, Anthony Leiserowitz,
Michael Ranney, Stephan Lewandowsky, Joseph Árvai and Elke U. Weber
- 457 Correspondence: Reply to 'Culture versus cognition is a false dilemma'
Dan M. Kahan and Katherine Carpenter
- 458 Commentary: Better out than in
Luke Kemp
- 460 Commentary: In the observational record half a degree matters
Carl-Friedrich Schleussner, Peter Pfliegerer and Erich M. Fischer
- 463 Commentary: Aligning climate policy with finance ministers' G20 agenda
Ottmar Edenhofer, Brigitte Knopf, Céline Bak and Amar Bhattacharya
- 465 Commentary: California from drought to deluge
S.-Y. Simon Wang, Jin-Ho Yoon, Emily Becker and Robert Gillies

FEATURE

469 Nationalist advance
Elisabeth Jeffries

RESEARCH HIGHLIGHTS

472 Our choice from the recent literature

NEWS & VIEWS

- 473 Energy-saving behaviour: Negative spillover to policy
Kaitlin T. Raimi
- 474 Atmospheric hazards: Hail potential heating up
John T. Allen
- 475 Soil carbon: A leaky sink
Mark A. Bradford
- 477 Permafrost thaw: Methane origins
Scott D. Bridgham

PERSPECTIVE

479 Considering climate in studies of fertility and reproductive health in poor countries
Kathryn Grace

LETTERS

- 486 Distinct global warming rates tied to multiple ocean surface temperature changes
Shuai-Lei Yao, Jing-Jia Luo, Gang Huang and Pengfei Wang
- 492 The increasing rate of global mean sea-level rise during 1993–2014
Xianyao Chen, Xuebin Zhang, John A. Church, Christopher S. Watson, Matt A. King, Didier Monselesan, Benoit Legresy and Christopher Harig

- 496 **Biospheric feedback effects in a synchronously coupled model of human and Earth systems**
Peter E. Thornton, Katherine Calvin, Andrew D. Jones, Alan V. Di Vittorio, Ben Bond-Lamberty, Louise Chini, Xiaoying Shi, Jiafu Mao, William D. Collins, Jae Edmonds, Allison Thomson, John Truesdale, Anthony Craig, Marcia L. Branstetter and George Hurtt
- 501 **Global risk of deadly heat**
Camilo Mora, Bénédicte Dousset, Iain R. Caldwell, Farrah E. Powell, Rollan C. Geronimo, Coral R. Bielecki, Chelsie W. W. Counsell, Bonnie S. Dietrich, Emily T. Johnston, Leo V. Louis, Matthew P. Lucas, Marie M. McKenzie, Alessandra G. Shea, Han Tseng, Thomas W. Giambelluca, Lisa R. Leon, Ed Hawkins and Clay Trauernicht
- 507 **Limited contribution of permafrost carbon to methane release from thawing peatlands**
Mark D. A. Cooper, Cristian Estop-Aragonés, James P. Fisher, Aaron Thierry, Mark H. Garnett, Dan J. Charman, Julian B. Murton, Gareth K. Phoenix, Rachael Treharne, Steve V. Kokelj, Stephen A. Wolfe, Antoni G. Lewkowicz, Mathew Williams and Iain P. Hartley
→N&V p477

ARTICLES

- 512 **Household behaviour crowds out support for climate change policy when sufficient progress is perceived**
Seth H. Werfel
→N&V p473
- 516 **The changing hail threat over North America in response to anthropogenic climate change**
Julian C. Brimelow, William R. Burrows and John M. Hanesiak
→N&V p474
- 523 **Global patterns in mangrove soil carbon stocks and losses**
Trisha B. Atwood, Rod M. Connolly, Hanan Almahasheer, Paul E. Carnell, Carlos M. Duarte, Carolyn J. Ewers Lewis, Xabier Irigoien, Jeffrey J. Kelleway, Paul S. Lavery, Peter I. Macreadie, Oscar Serrano, Christian J. Sanders, Isaac Santos, Andrew D. L. Steven and Catherine E. Lovelock
- 529 **Lightning as a major driver of recent large fire years in North American boreal forests**
Sander Veraverbeke, Brendan M. Rogers, Mike L. Goulden, Randi R. Jandt, Charles E. Miller, Elizabeth B. Wiggins and James T. Randerson