

# **EDITORIAL**

- 737 Not just words

## **OPINION & COMMENT**

- 738 Correspondence: Stormiest winter on record for Ireland and UK
- 740 Correspondence: Ever-wet tropical forests as biodiversity refuges
- 741 Correspondence: Questions of bias in climate models
- 743 Commentary: Breaking the climate change communication deadlock  
Adam Corner and Christopher Groves
- 745 Commentary: Climate science reconsidered  
Chris Rapley and Kris De Meyer
- 747 Commentary: Renegotiating the global climate stabilization target  
Oliver Geden and Silke Beck
- 749 Commentary: Climate impacts of poverty eradication  
Narasimha D. Rao, Keywan Riahi and Arnulf Grubler
- 752 Commentary: Shifting perspectives on coastal impacts and adaptation  
Sally Brown, Robert J. Nicholls, Susan Hanson, Geoff Brundrit, John A. Dearing, Mark E. Dickson, Shari L. Gallop, Shu Gao, Ivan D. Haigh, Jochen Hinkel, José A. Jiménez, Richard J. T. Klein, Wolfgang Kron, Attila N. Lázár, Claudio Freitas Neves, Alice Newton, Charitha Pattiaratchi, Andres Payo, Kenneth Pye, Agustín Sánchez-Arcilla, Mark Siddall, Ali Shareef, Emma L. Tompkins, Athanasios T. Vafeidis, Barend van Maanen, Philip J. Ward and Colin D. Woodroffe

## **ANALYSIS**

- 756 Policy Watch: Energy security vs climate policy  
Sonja van Renssen

## **RESEARCH HIGHLIGHTS**

- 758 Our choice from the recent literature

## **NEWS & VIEWS**

- 759 Adaptation: Cities' response to climate risks  
Jeroen Aerts and Wouter Botzen
- 760 Soil carbon: Resisting climate change  
Iain P. Hartley

## **PERSPECTIVE**

- 763 Changing the intellectual climate  
Noel Castree *et al.*
- 769 Potential influences on the United Kingdom's floods of winter 2013/14  
Chris Huntingford, Terry Marsh, Adam A. Scaife, Elizabeth J. Kendon, Jamie Hannaford, Alison L. Kay, Mike Lockwood, Christel Prudhomme, Nick S. Reynard, Simon Parry, Jason A. Lowe, James A. Screen, Helen C. Ward, Malcolm Roberts, Peter A. Stott, Vicky A. Bell, Mark Bailey, Alan Jenkins, Tim Legg, Friederike E. L. Otto, Neil Massey, Nathalie Schaller, Julia Slingo and Myles R. Allen

## **LETTERS**

- 778 **Impact of the Keystone XL pipeline on global oil markets and greenhouse gas emissions**  
Peter Erickson and Michael Lazarus
- 782 **Uncovering an anthropogenic sea-level rise signal in the Pacific Ocean**  
B. D. Hamlington, M. W. Strassburg, R. R. Leben, W. Han, R. S. Nerem and K-Y. Kim
- 786 **Response of El Niño sea surface temperature variability to greenhouse warming**  
Seon Tae Kim, Wenju Cai, Fei-Fei Jin, Agus Santoso, Lixin Wu, Eric Guilyardi and Soon-Il An
- 791 **Recent trends in African fires driven by cropland expansion and El Niño to La Niña transition**  
Niels Andela and Guido R. van der Werf
- 796 **The emerging anthropogenic signal in land-atmosphere carbon-cycle coupling**  
Danica Lombardozzi, Gordon B. Bonan and Douglas W. Nychka
- 801 **Recently identified microbial guild mediates soil N<sub>2</sub>O sink capacity**  
Christopher M. Jones, Ayme Spor, Fiona P. Brennan, Marie-Christine Breuil, David Bru, Philippe Lemanceau, Bryan Griths, Sara Hallin and Laurent Philippot
- 806 **Increasing forest disturbances in Europe and their impact on carbon storage**  
Rupert Seidl, Mart-Jan Schelhaas, Werner Rammer and Pieter Johannes Verkerk
- 811 **Combined speeds of climate and land-use change of the conterminous US until 2050**  
Alejandro Ordonez, Sebastián Martinuzzi, Volker C. Radelo and John W. Williams
- 817 **Threat to future global food security from climate change and ozone air pollution**  
Amos P. K. Tai, Maria Val Martin and Colette L. Heald
- 822 **Warming-related increases in soil CO<sub>2</sub> efflux are explained by increased below-ground carbon flux**  
Christian P. Giardina, Creighton M. Litton, Susan E. Crow and Gregory P. Asner  
→N&V p760

## **ARTICLES**

- 828 **Technology transfer for adaptation**  
Bonizella Biagini, Laura Kuhl, Kelly Sims Gallagher and Claudia Ortiz
- 835 **Well-estimated global surface warming in climate projections selected for ENSO phase**  
James S. Risbey, Stephan Lewandowsky, Clothilde Langlais, Didier P. Monselesan, Terence J. O’Kane and Naomi Oreskes
- 840 **Addendum**