

## **EDITORIAL**

555 The human factor

## **OPINION & COMMENT**

556 Correspondence: Radar backscatter is not a 'direct measure' of forest biomass

557 Commentary: Geothermal energy in China  
Shaopeng Huang

560 Commentary: Measuring the carbon emissions of megacities  
Riley M. Duren and Charles E. Miller

## **FEATURE**

563 News Feature: Measurement challenges  
Monica Contestabile

566 Snapshot: Hunger and climate  
Bronwyn Wake

## **INTERVIEW**

567 Agricultural futures  
Interview with Cynthia Rosenzweig

## **ANALYSIS**

568 Policy Watch: Legislating for energy efficiency  
Sonja van Renssen

## **RESEARCH HIGHLIGHTS**

570 Our choice from the recent literature

## **NEWS & VIEWS**

572 Psychology: Fear and hope in climate messages  
Paul C. Stern

573 Policy: Public support for clean energy  
Michael Hanemann

574 Meteorology: Counting the coming storms  
Ed Hawkins and Pier Luigi Vidale

## **PERSPECTIVE**

576 Relative outcomes of climate change mitigation related to global temperature versus sea-level rise  
Gerald A. Meehl, Aixue Hu, Claudia Tebaldi, Julie M. Arblaster, Warren M. Washington, Haiyan Teng, Benjamin M. Sanderson, Toby Ault, Warren G. Strand and James B. White III

## **REVIEW ARTICLE**

581 Human drivers of national greenhouse-gas emissions  
Eugene A. Rosa and Thomas Dietz

587 Climate change and the South Asian summer monsoon  
Andrew G. Turner and H. Annamalai

## LETTERS

- 596 **Willingness to pay and political support for a US national clean energy standard**  
Joseph E. Aldy, Matthew J. Kotchen and Anthony A. Leiserowitz  
→N&V p573
- 600 **Promoting pro-environmental action in climate change deniers**  
Paul G. Bain, Matthew J. Hornsey, Renata Bongiorno and Carla Jeffries  
→N&V p572
- 603 **Addendum to 'Promoting pro-environmental action in climate change deniers'**
- 604 **Twenty-first-century projections of North Atlantic tropical storms from CMIP5 models**  
Gabriele Villarini and Gabriel A. Vecchi  
→N&V p574
- 608 **Impact of intensified Indian Ocean winds on mesoscale variability in the Agulhas system**  
Björn C. Backeberg, Pierrick Penven and Mathieu Rouault
- 613 **Eurasian Arctic greening reveals teleconnections and the potential for structurally novel ecosystems**  
Marc Macias-Fauria, Bruce C. Forbes, Pentti Zetterberg and Timo Kumpula
- 619 **Extinction debt of high-mountain plants under twenty-first-century climate change**  
Stefan Dullinger, Andreas Gattringer, Wilfried Thuiller, Dietmar Moser, Niklaus E. Zimmermann, Antoine Guisan, Wolfgang Willner, Christoph Plutzer, Michael Leitner, Thomas Mang, Marco Caccianiga, Thomas Dirnböck, Siegrun Ertl, Anton Fischer, Jonathan Lenoir, Jens-Christian Svenning, Achilleas Psomas, Dirk R. Schmatz, Urban Silc, Pascal Vittoz and Karl Hülber
- 623 **Coral resilience to ocean acidification and global warming through pH up-regulation**  
Malcolm McCulloch, Jim Falter, Julie Trotter and Paolo Montagna

## ARTICLES

- 628 **Transfer payments in global climate policy**  
Florian Landis and Thomas Bernauer

## BEYOND BOUNDARIES

- 634 **Sharing knowledge with Google Earth**  
Interview with Laura Stocker

## CLASSIFIEDS

See the back pages