

## **EDITORIAL**

841 **Science that matters**

841 **What's your story?**

## **OPINION & COMMENT**

842 **Correspondence: Solar radiation management could be a game changer/  
Enhancing the impact of climate science/Statistics of flood risk/  
Spatiotemporal patterns of warming**

848 **Commentary: Practitioners' work and evidence in IPCC reports**  
David Viner and Candice Howarth

850 **Commentary: Betting on negative emissions**  
Sabine Fuss, Josep G. Canadell, Glen P. Peters, Massimo Tavoni, Robbie M. Andrew,  
Philippe Ciais, Robert B. Jackson, Chris D. Jones, Florian Kraxner,  
Nebosja Nakicenovic, Corinne Le Quéré, Michael R. Raupach, Ayyoob Sharifi,  
Pete Smith and Yoshiki Yamagata

853 **Commentary: Copenhagen II or something new**  
David G. Victor

## **INTERVIEW**

856 **Looking forward**  
Interview with James Syvitski

## **ANALYSIS**

858 **Market Watch: Cash flow**  
Anna Petherick

## **RESEARCH HIGHLIGHTS**

860 **Our choice from the recent literature**

## **NEWS & VIEWS**

861 **Mitigation and health: Climate policy not so costly**  
Jonathan Buonocore

862 **Oceanography: Oxygen and climate dynamics**  
Scott C. Doney and Kristopher B. Karnauskas

864 **Atmospheric chemistry: A new player in climate change**  
Kirsti Ashworth

## **PERSPECTIVE**

867 **Explaining and overcoming barriers to climate change adaptation**  
Klaus Eisenack, Susanne C. Moser, Esther Hoffmann, Richard J. T. Klein,  
Christoph Oberlack, Anna Pechan, Maja Rotter and Catrien J. A. M. Termeer

873 **Sharing a quota on cumulative carbon emissions**  
Michael R. Raupach, Steven J. Davis, Glen P. Peters, Robbie M. Andrew,  
Josep G. Canadell, Philippe Ciais, Pierre Friedlingstein, Frank Jotzo,  
Detlef P. van Vuuren and Corinne Le Quéré

880 **Climate-mediated dance of the plankton**  
Michael Behrenfeld

## LETTERS

- 888 Recent Walker circulation strengthening and Pacific cooling amplified by Atlantic warming**  
Shayne McGregor, Axel Timmermann, Malte F. Stuecker, Matthew H. England, Mark Merrifield, Fei-Fei Jin and Yoshimitsu Chikamoto
- 893 Contribution of natural decadal variability to global warming acceleration and hiatus**  
Masahiro Watanabe, Hideo Shiogama, Hiroaki Tatebe, Michiya Hayashi, Masayoshi Ishii and Masahide Kimoto
- 898 Climate model simulations of the observed early-2000s hiatus of global warming**  
Gerald A. Meehl, Haiyan Teng and Julie M. Arblaster
- 903 Accelerated microbial turnover but constant growth efficiency with warming in soil**  
Shannon B. Hagerty, Kees Jan van Groenigen, Steven D. Allison, Bruce A. Hungate, Egbert Schwartz, George W. Koch, Randall K. Kolka and Paul Dijkstra
- 907 Human land-use-driven reduction of forest volatiles cools global climate**  
Nadine Unger  
→N&V p864

## ARTICLES

- 911 Seasonal aspects of the recent pause in surface warming**  
Kevin E. Trenberth, John T. Fasullo, Grant Branstator and Adam S. Phillips
- 917 A systems approach to evaluating the air quality co-benefits of US carbon policies**  
Tammy M. Thompson, Sebastian Rausch, Rebecca K. Saari and Noelle E. Selin  
→N&V p861
- 924 Importance of food-demand management for climate mitigation**  
Bojana Bajželj, Keith S. Richards, Julian M. Allwood, Pete Smith, John S. Dennis, Elizabeth Curmi and Christopher A. Gilligan
- 930 Corrigendum**