

## **EDITORIAL**

1037 **Window of opportunity**

## **OPINION & COMMENT**

1038 **Correspondence: Boundary work**

1038 **Correspondence: A new social contract for the IPCC**

1039 **Commentary: Facing the diversity crisis in climate science**

Adam R. Pearson and Jonathon P. Schuldt

1042 **Commentary: Going back to basics**

Christian Jakob

1045 **Commentary: Uncertainty in projecting GHG emissions from bioenergy**

Thomas Buchholz, Stephen Prisley, Gregg Marland, Charles Canham and Neil Sampson

1048 **Commentary: Preventing species extinctions resulting from climate change**

H. Resit Akçakaya, Stuart H. M. Butchart, James E. M. Watson and Richard G. Pearson

## **RESEARCH HIGHLIGHTS**

1050 ***Our choice from the recent literature***

## **NEWS & VIEWS**

1051 **Sociology: Drivers of climate change beliefs**

Jennifer E. Givens

1052 **Soil carbon: Microbes, roots and global carbon**

William Wieder

1054 **Marine biology: No head start**

Santiago Salinas

## **PERSPECTIVE**

1057 **Managing the climate commons at the nexus of ecology, behaviour and economics**

Alessandro Tavoni, Simon Levin

1064 **A balance of bottom-up and top-down in linking climate policies**

Jessica F. Green, Thomas Sterner and Gernot Wagner

1068 **Climate-smart agriculture for food security**

Leslie Lipper *et al.*

## **LETTERS**

1073 **Household electricity access a trivial contributor to CO<sub>2</sub> emissions growth in India**

Shonali Pachauri

1077 **The impacts of temperature anomalies and political orientation on perceived winter warming**

Aaron M. McCright, Riley E. Dunlap and Chenyang Xiao

→N&V p1051

- 1082 Rapid increase in the risk of extreme summer heat in Eastern China**  
Ying Sun, Xuebin Zhang, Francis W. Zwiers, Lianchun Song, Hui Wan, Ting Hu, Hong Yin and Guoyu Ren
- 1086 Effects of elevated CO<sub>2</sub> on fish behaviour undiminished by transgenerational acclimation**  
Megan J. Welch, Sue-Ann Watson, Justin Q. Welsh, Mark I. McCormick and Philip L. Munday  
→N&V p1054
- 1090 Global disparity in the ecological benefits of reducing carbon emissions for coral reefs**  
Juan Carlos Ortiz, Yves-Marie Bozec, Nicholas H. Wol, Christopher Doropoulos and Peter J. Mumby
- 1095 Land-use protection for climate change mitigation**  
Alexander Popp, Florian Humpenöder, Isabelle Weindl, Benjamin Leon Bodirsky, Markus Bonsch, Hermann Lotze-Campen, Christoph Müller, Anne Biewald, Susanne Rolinski, Miodrag Stevanovic and Jan Philipp Dietrich
- 1099 Microbe-driven turnover offsets mineral-mediated storage of soil carbon under elevated CO<sub>2</sub>**  
Benjamin N. Sulman, Richard P. Phillips, A. Christopher Oishi, Elena Shevliakova and Stephen W. Pacala  
→N&V p1052

## **ARTICLES**

- 1103 A local coastal adaptation pathway**  
J. Barnett, S. Graham, C. Mortreux, R. Fincher, E. Waters and A. Hurlimann
- 1109 Delays in reducing waterborne and water-related infectious diseases in China under climate change**  
Maggie Hodges, Jessica H. Belle, Elizabeth J. Carlton, Song Liang, Huazhong Li, Wei Luo, Matthew C. Freeman, Yang Liu, Yang Gao, Jeremy J. Hess and Justin V. Remais