

EDITORIAL

611 **Human impacts**

611 **Perfect storm**

OPINION & COMMENT

612 **Correspondence: Intrinsic motivation and pro-environmental behaviour**

613 **Correspondence: Response of chinook salmon to climate change**

616 **Commentary: The political economy of climate adaptation**

Benjamin K. Sovacool, Björn-Ola Linnér and Michael E. Goodsite

ANALYSIS

619 **Policy Watch: Small islands adrift**

Anna Petherick

RESEARCH HIGHLIGHTS

621 **Our choice from the recent literature**

NEWS & VIEWS

623 **Policy: REDD+ in Asia Pacific**

Andrew McGregor

624 **Climate adaptation: Cultural knowledge and local risks**

Sarah Strauss

625 **Forest ecology: Tall, leafy conifers lose out**

Maurizio Mencuccini and Oliver Binks

PERSPECTIVE

627 **Engaging the Global South on climate engineering research**

David E. Winickoff, Jane A. Flegal and Asfawossen Asrat

635 **Options for managing impacts of climate change on a deep-sea community**

Ronald E. Thresher, John M. Guinotte, Richard J. Matear and Alistair J. Hobday

REVIEW ARTICLE

640 **Psychological research and global climate change**

Susan Clayton, Patrick Devine-Wright, Paul C. Stern, Lorraine Whitmarsh, Amanda Carrico, Linda Steg, Janet Swim and Mirilia Bonnes

LETTERS

- 647 Heat stress causes substantial labour productivity loss in Australia**
Kerstin K. Zander, Wouter J. W. Botzen, Elspeth Oppermann, Tord Kjellstrom and Stephen T. Garnett
- 652 Future population exposure to US heat extremes**
Bryan Jones, Brian C. O'Neill, Larry McDaniel, Seth McGinnis, Linda O. Mearns and Claudia Tebaldi
- 656 Projected strengthening of Amazonian dry season by constrained climate model simulations**
Juan P. Boisier, Philippe Ciais, Agnès Ducharne and Matthieu Guimberteau
- 661 Trade-off between intensity and frequency of global tropical cyclones**
Nam-Young Kang and James B. Elsner
- 665 Rapid evolution of thermal tolerance in the water flea *Daphnia***
A. N. Geerts, J. Vanoverbeke, B. Vanschoenwinkel, W. Van Doorslaer, H. Feuchtmayr, D. Atkinson, B. Moss, T. A. Davidson, C. D. Sayer and L. De Meester
- 669 Darcy's law predicts widespread forest mortality under climate warming**
Nathan G. McDowell and Craig D. Allen
→N&V p625
- 673 Recent warming leads to a rapid borealization of fish communities in the Arctic**
Maria Fossheim, Raul Primicerio, Edda Johannesen, Randi B. Ingvaldsen, Michaela M. Aschan and Andrey V. Dolgov
- 678 Physiological advantages of dwarfing in surviving extinctions in high-CO₂ oceans**
Vittorio Garilli, Riccardo Rodolfo-Metalpa, Danilo Scuderi, Lorenzo Brusca, Daniela Parrinello, Samuel P. S. Rastrick, Andy Foggo, Richard J. Twitchett, Jason M. Hall-Spencer and Marco Milazzo

ARTICLES

- 683 Cultural knowledge and local vulnerability in African American communities**
Christine D. Miller Hesel and Michael Paolisso
→N&V p624
- 688 Projections of climate conditions that increase coral disease susceptibility and pathogen abundance and virulence**
Jeffrey Maynard, Ruben van Hooidonk, C. Mark Eakin, Marjetta Puotinen, Melissa Garren, Gareth Williams, Scott F. Heron, Joleah Lamb, Ernesto Weil, Bette Willis and C. Drew Harvell
- 695 Future vulnerability of marine biodiversity compared with contemporary and past changes**
Grégory Beaugrand, Martin Edwards, Virginie Raybaud, Eric Goberville and Richard R. Kirby
- 702 Corrigendum**