EDITORIAL

179 An appetite for destruction

COMMENT

180 Celebrating the anniversary of three key events in climate change science Benjamin D. Santer et al.

Q&A

183 Climate research for the twenty-first century Bronwyn Wake

RESEARCH HIGHLIGHTS

186 Our choice from the recent literature

NEWS & VIEWS

- 187 Public opinion: Support for climate unilateralism Matto Mildenberger
- 188 Emissions: Drivers of peak and decline
 Kuishuang Feng
- 189 Agriculture: Australian wheat beats the heat Ken E. Giller and Frank Ewert

PERSPECTIVES

- 191 Evidence-based strategies to combat scientific misinformation
 Justin Farrell, Kathryn McConnell and Robert Brulle
- 196 Applying big data beyond small problems in climate research Benedikt Knüsel et al.
- Achievement of Paris climate goals unlikely due to time lags in the land system Calum Brown, Peter Alexander, Almut Arneth, Ian Holman and Mark Rounsevell

MATTERS ARISING

- 209 Brazilian ethanol expansion subject to limitations Alexandre C. Köberle et al.
- 211 Reply to: Brazilian ethanol expansion subject to limitations Deepak Jaiswal et al.

LETTERS

213 Drivers of declining CO₂ emissions in 18 developed economies Corinne Le Quéré et al.

→N&V p188

- 218 Robust eligibility criteria essential for new global scheme to offset aviation emissions
 - Carsten Warnecke, Lambert Schneider, Thomas Day, Stephanie La Hoz Theuer and Harry Fearnehough
- 222 The transient response of atmospheric and oceanic heat transports to anthropogenic warming
 - Chengfei He, Zhengyu Liu and Aixue Hu
- 227 Widespread loss of lake ice around the Northern Hemisphere in a warming world Sapna Sharma et al.
- 232 Southern Hemisphere subtropical drying as a transient response to warming J. M. Kale Sniderman et al.
- 237 Prediction of unprecedented biological shifts in the global ocean G. Beaugrand et al.
- 244 Early sowing systems can boost Australian wheat yields despite recent climate

James R. Hunt et al.

→N&V p189

ARTICLE

248 Commitment failures are unlikely to undermine public support for the Paris agreement

Liam F. Beiser-McGrath and Thomas Bernauer

→N&V p187

AMENDMENTS

- 253 Publisher Correction: Beliefs about minority groups Jenn Richler
- Publisher Correction: Boreal forest biomass accumulation is not increased by two decades of soil warming

Hyungwoo Lim et al.