

19 February 2018

To the Editor:

Please accept for consideration our Correspondence regarding the recent publication: Beckage *et al* 'Linking models of human behaviour and climate alters projected climate change', *Nature Climate Change* 8, 79–84 (2018).

We think this approach will eventually become standard in the field of climate change and thus Beckage *et al* is seminal. However, their model does not include widely recognized dynamic mechanisms for social processes such as social learning and social norms. In our Correspondence we urge that future models should take such dynamic social processes into account and we show how these processes can qualitatively alter the predicted trends in socio-climate models.

For the submission process we have used the provisional title of 'Social dynamics determine climate predictions'. Thank you for your consideration. We look forward to hearing from your office.

Sincerely,

Madhur Anand, on behalf of all co-authors.