

The Science of Climate Change Communication

climateoutreach.org/helix-online-resource



Introduction

About the science of climate science communication



Knowing your audience

Building rapport and trust with your audience



Understanding how you are heard and finding your authentic voice

Treading the line between communication and advocacy



Communicating uncertainty

Ensuring scientific uncertainty is not misinterpreted as ignorance



Bringing climate change into the here and now

Why psychological distancing is a problem, and what to do about it



What's really driving public beliefs about climate change?

The role of values and worldviews in shaping responses to climate science



Science and stories

How the 'narrative' structure helps people engage with scientific findings



Do's and don'ts of effective science communication



Additional reading and references

A list of the research which forms the

@asherminns

Tyndall[°]Centre[®]
for Climate Change Research

futurearth
research for global sustainability

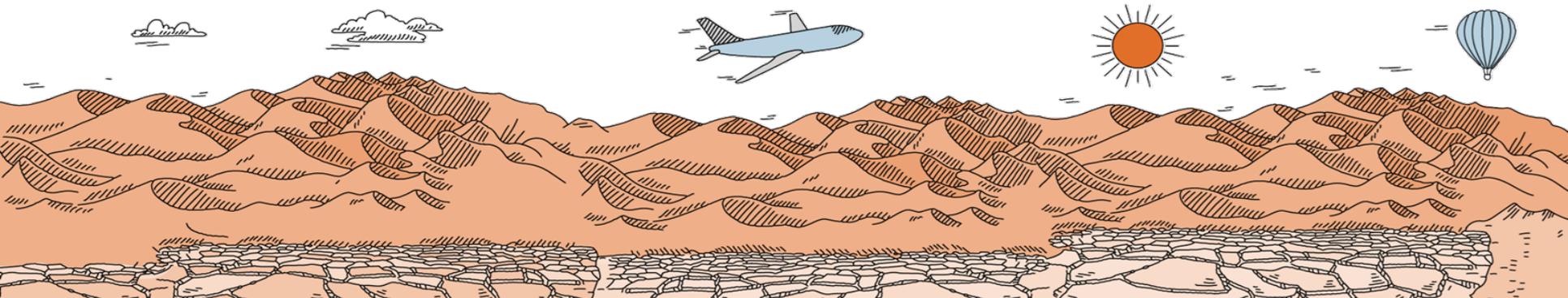
UEA
University of East Anglia

Find your authentic voice

SCIENTIST ROLES

Which one
you feel
comfortable
with?

- Pure scientist?
- Honest broker?
- Science arbiter?
- Issue advocate?



Frame your engagement to cognitive bias



**Frame your narratives
to your audiences' values**



Values are guiding principles in our lives

'Open to change'

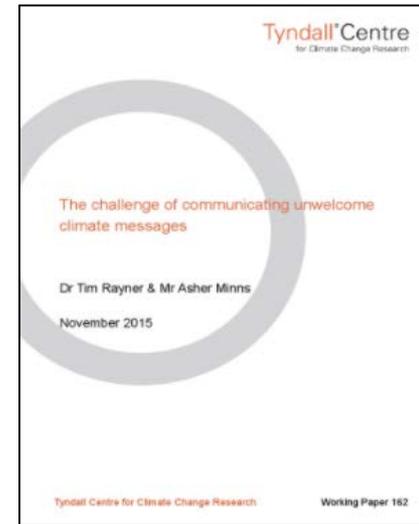
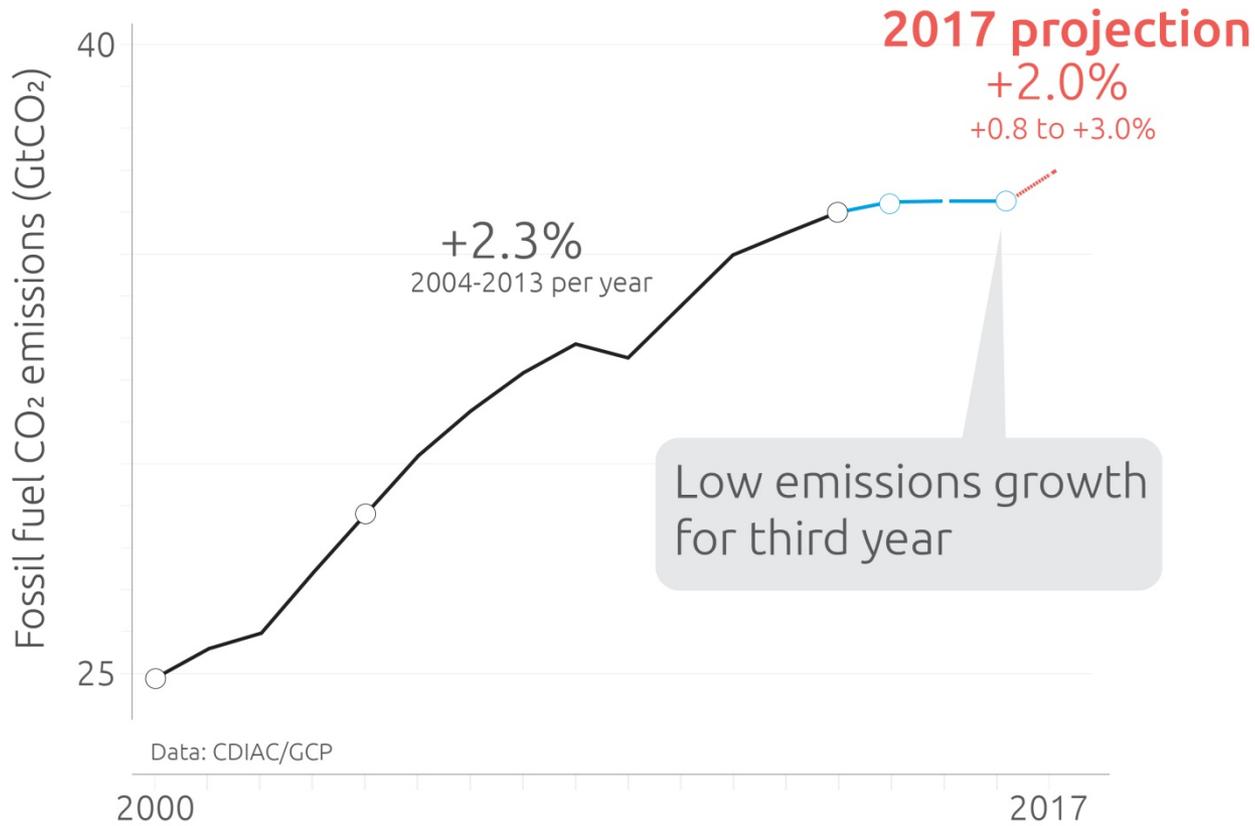
'Self-transcending'



'Self-enhancing'

'Conservation'

The Global Carbon Budget 2017

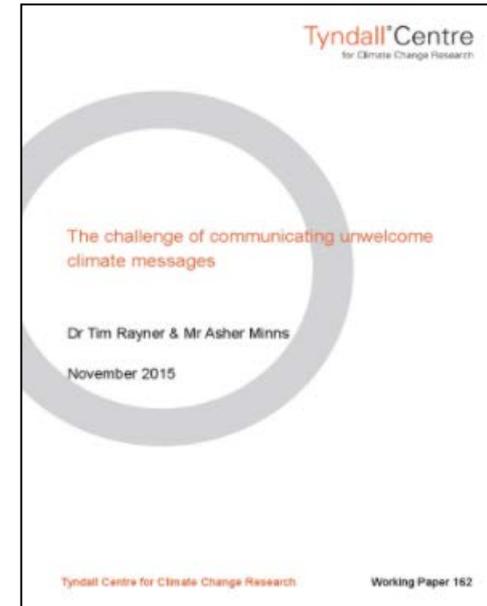


Friendly communicators' needed, not only
'narrators of doom'

Importance of emotions, values, sense of loss.
Need for 'active hope' in promoting action

Dialogical forms of communication with various
audiences in a range of venues

Need 'safe spaces' to make emotional connections
that open up energy and engagement





[Respond Climate Change](#) on Vimeo

Hope

Requires An Uncertain

Future

