

# Avoiding a 4+°C World: A Challenge for Democracy

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- 'Anthropocene' and CC
- Natural and social sciences
- The case of democracy

GLOBAL  
I G B P  
CHANGE

Executive Summary

W. Steffen  
A. Sanderson  
P. D. Tyson  
J. Jäger  
P. A. Matson  
B. Moore III  
F. Oldfield  
K. Richardson  
H. J. Schellnhuber  
B. L. Turner II  
R. J. Wasson

Global Change  
and the  
Earth System

A Planet  
Under Pressure



[www.igbp.kva.se](http://www.igbp.kva.se)

- The '4+°C carbon equation'
- Stabilisation at 450 ppm CO<sub>2</sub>e
- Timing and scale of mitigation

- The paradox of inaction
- Economics and cognition
- Philosophy and metaphysics

- Wartime-style rationing
- No voluntary compliance
- 'Benevolent tyranny'

- Technological hubris
- 'Silver bullets' schemes
- Radical technocracy

- Speculative scenarios, but...
- An 'intangible threat' of CC ?
- Take the gamble of democracy

Thank you !