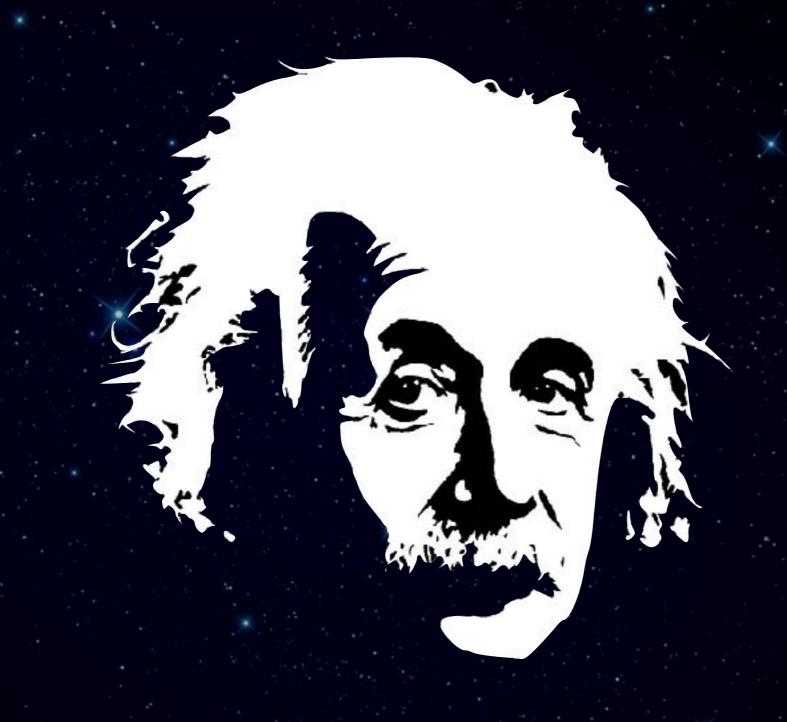
# Communicating Climate Changed Why so Difficult? - Why so Toxic?

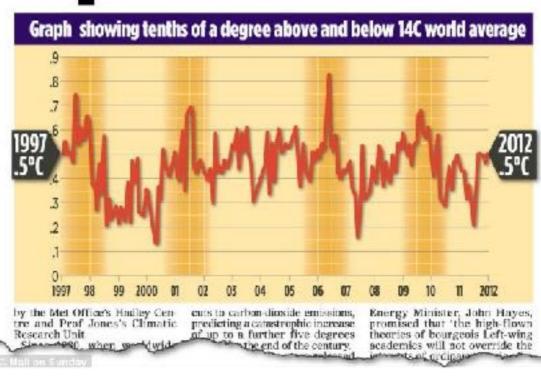
Prof Chris Rapley CBE
University College London
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@chrisrapley3131
10<sup>th</sup> May 2017



To tell a complex story make everything as simple as possible, but not simpler



## Global warming stopped 16 years ago, Met Office report reveals



Global Temperature - simplistic

### 'Vital Signs'

 Historic Indicators - Metrics to characterise system and its evolution - to support improved communication and dialogue with policy makers, practitioners and the public

- Future Risk Indicators To inform of societal impacts
  - to guide mitigation and adaptation policy and actions



#### **GLOBAL CLIMATE OBSERVING SYSTEM**

THE GCOS ESSENTIAL CLIMATE VARIABLES (ECVs)

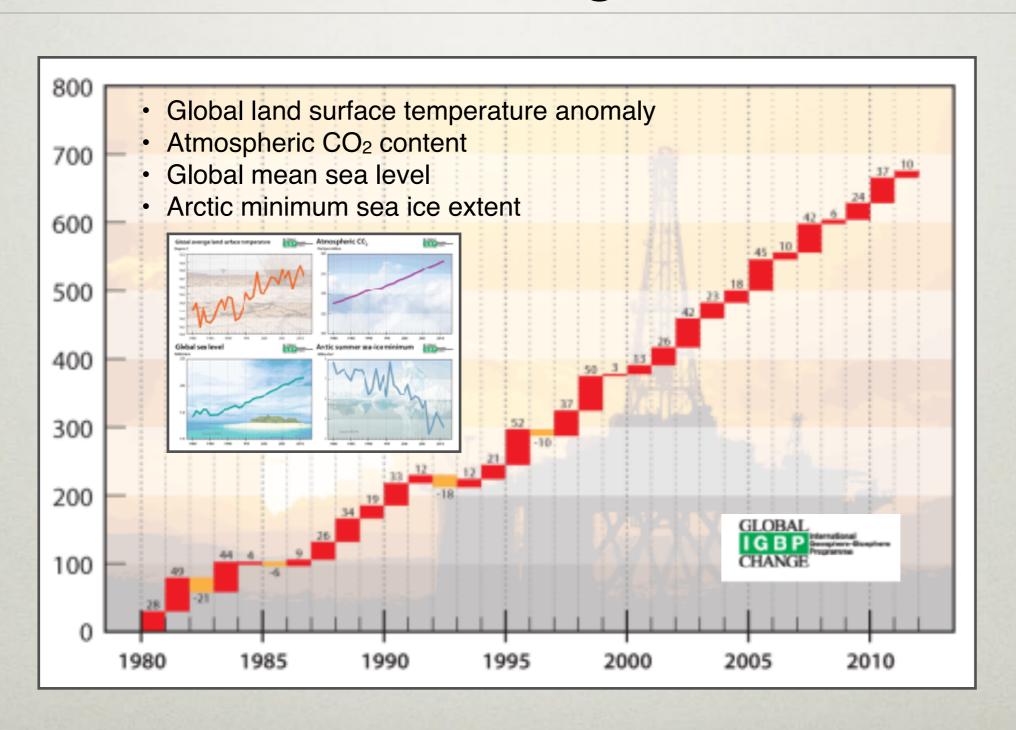


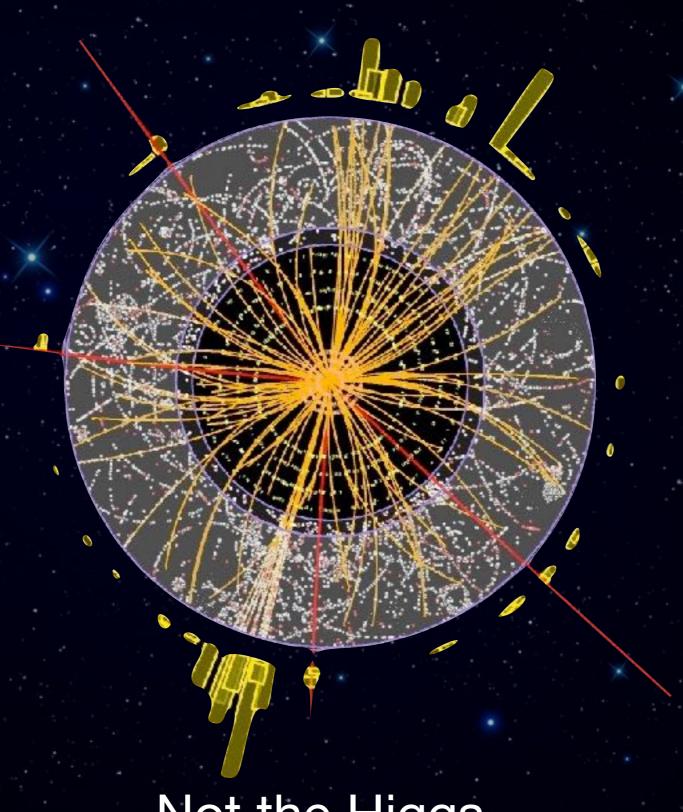
**OCEANIC** 

**ATMOSPHERIC** 

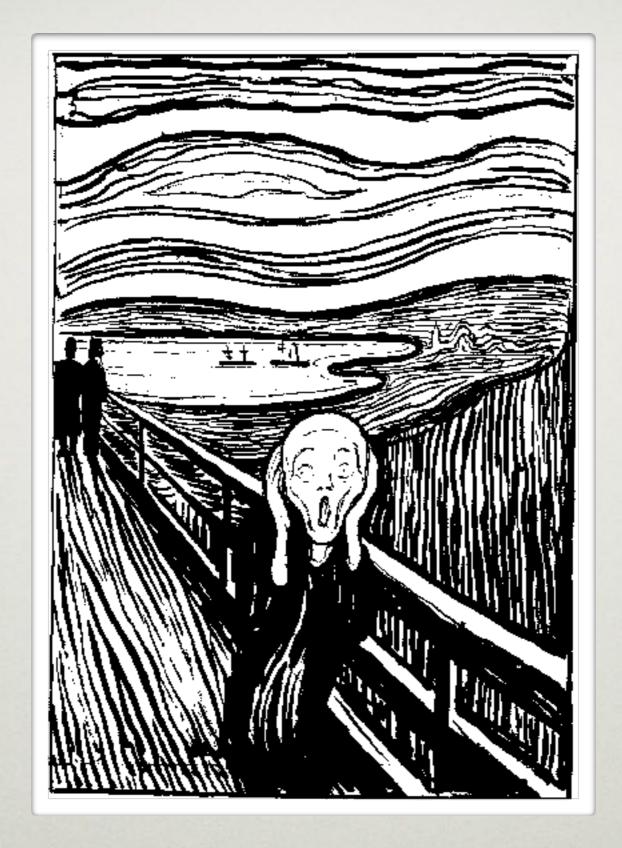
**TERRESTRIAL** 

## Climate Change Index

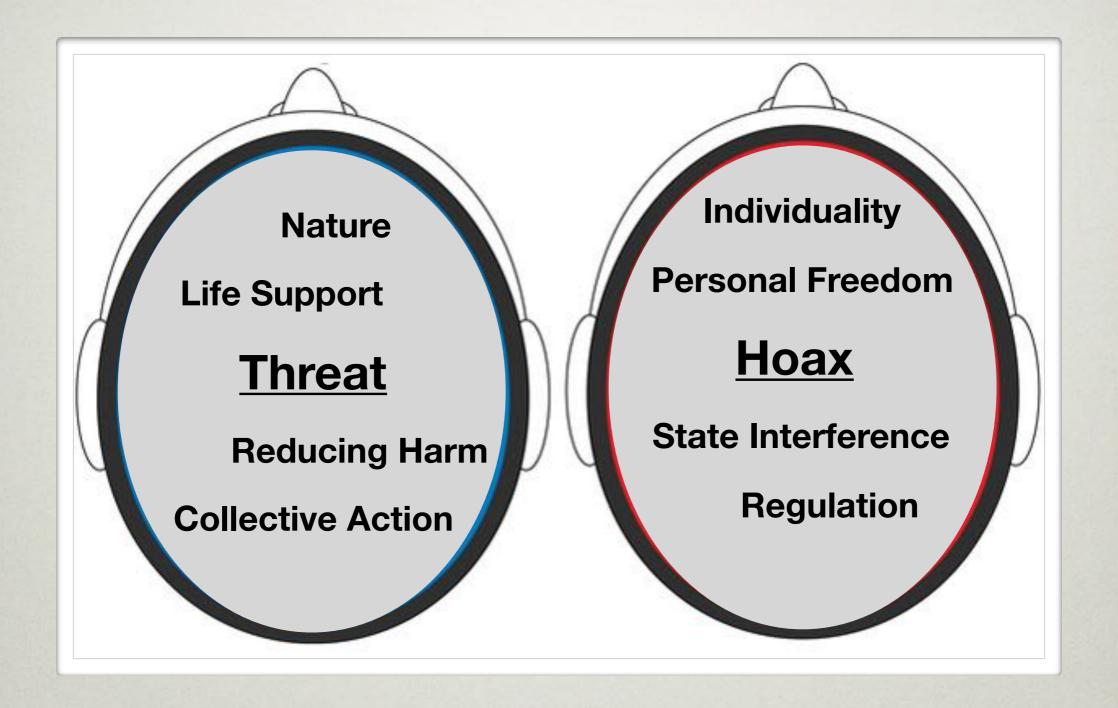




Not the Higgs

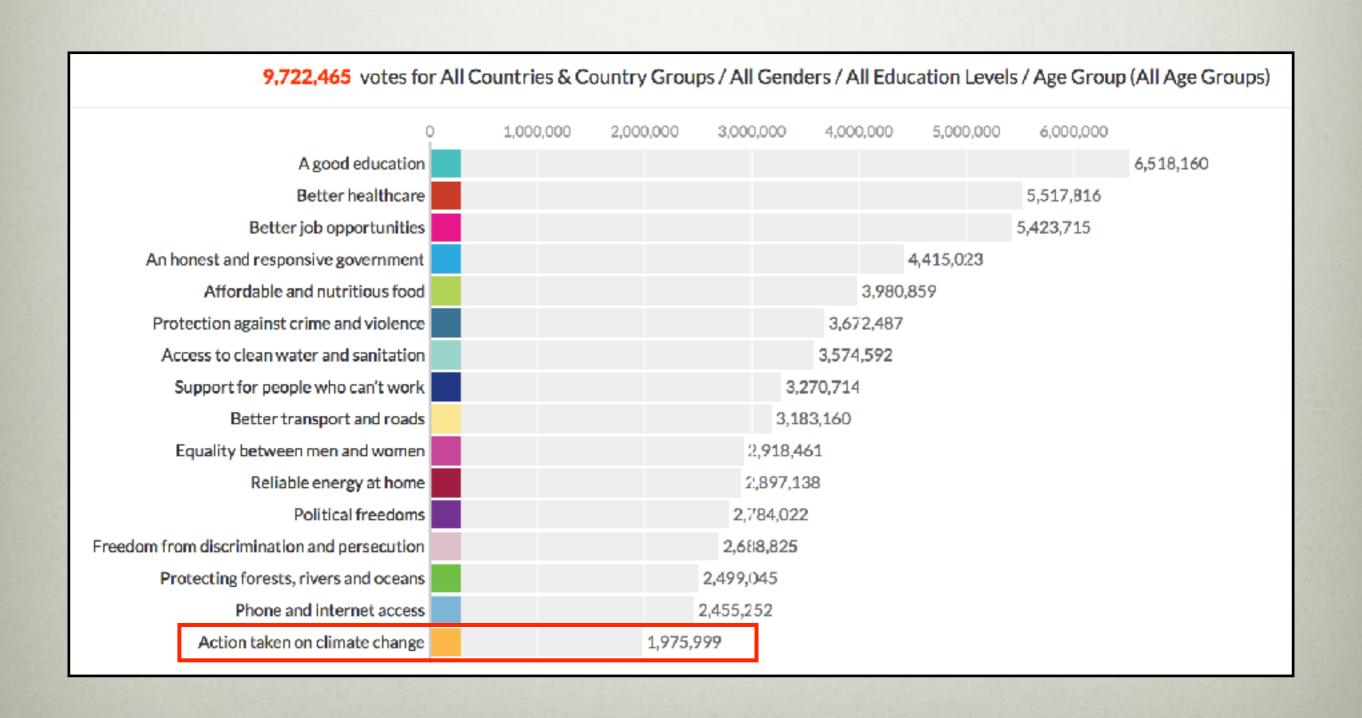


Anxiety, Fear, Loss, Grief, Guilt, Helplessness



Challenges strongly held values and beliefs - and powerful issues of identity

#### "My World' - Citizens' Concerns





Information Deficit



Storytelling



Experiential



Theatrical Experience



Museological Experience

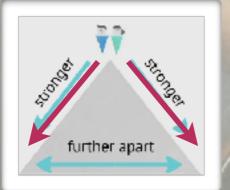
#### Discussion

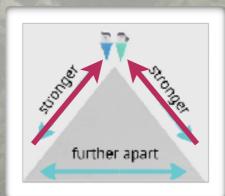
#### Debate

#### Dialogue

- Assuming there is one right answer
- Combative
- About winn
- Listening for fit
- Defending as an ions
- Pursuing y ar outcox
- Asymmetries of engagement
- Entertainment

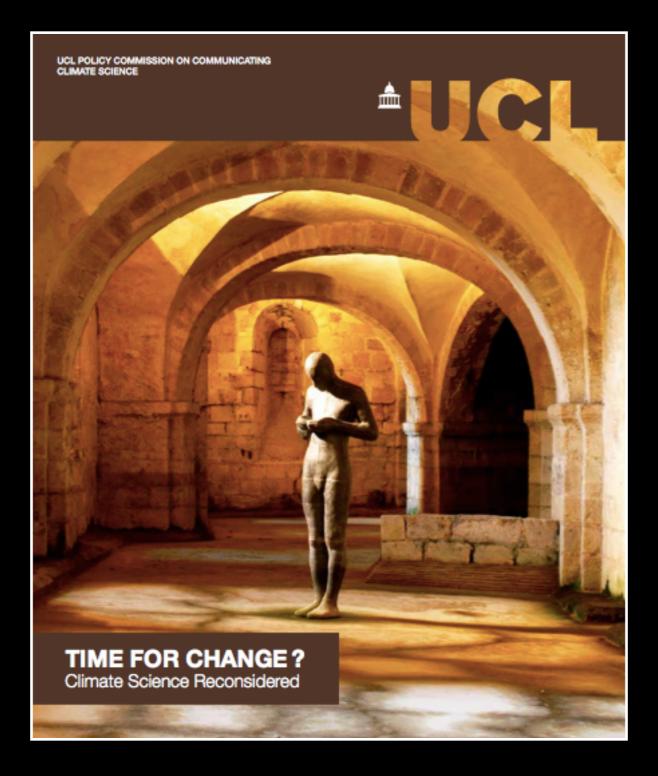
- Assuming others have pieces of the answer
- Collaborative
- About finding connormal
- Listening to stand
- Exploring as ptions
- Discovering new possibilities
- Seeking constructive progress





#### Role of Scientists

- Pure Scientist generate facts and insights and deliver them to the pool of human knowledge
- Science Arbiter answer factual (positive, not normative) questions about scientific output arbitrate interpretation
- Science Communicator communicate with society about results and implications directly or via intermediaries - to draw attention to issues judged important
- Honest Broker engage co-productively in decision making to assist practitioners to fulfil their role
- Informed Citizen actively intervene in society as informed citizen to promote dialectic based on expert knowledge and understanding



https://www.ucl.ac.uk/public-policy/for-policy-professionals/commissions/communication-climate-science

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