## Engaging the cosmic perspective to address environmental and social issues



Raphaëlle Haywood and Paul Green

# We are explorers of the origins of the universe and of life

#### We have:

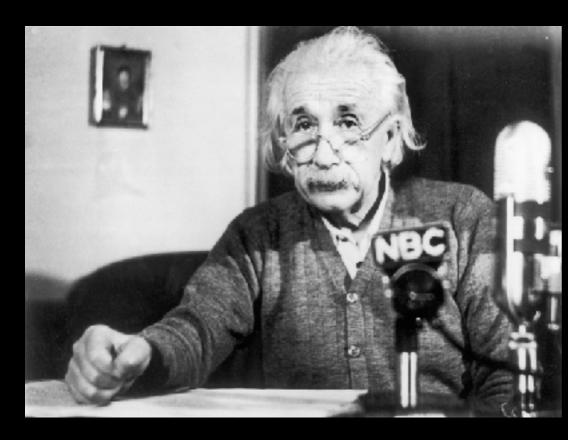
- Scientific credibility
- Public fascination and trust
- Academic flexibility

#### Einstein and Sagan both spoke out on the global issues of their day

#### Nuclear Winter: Global Consequences of Multiple Nuclear Explosions

1983, Science, 222, 4630

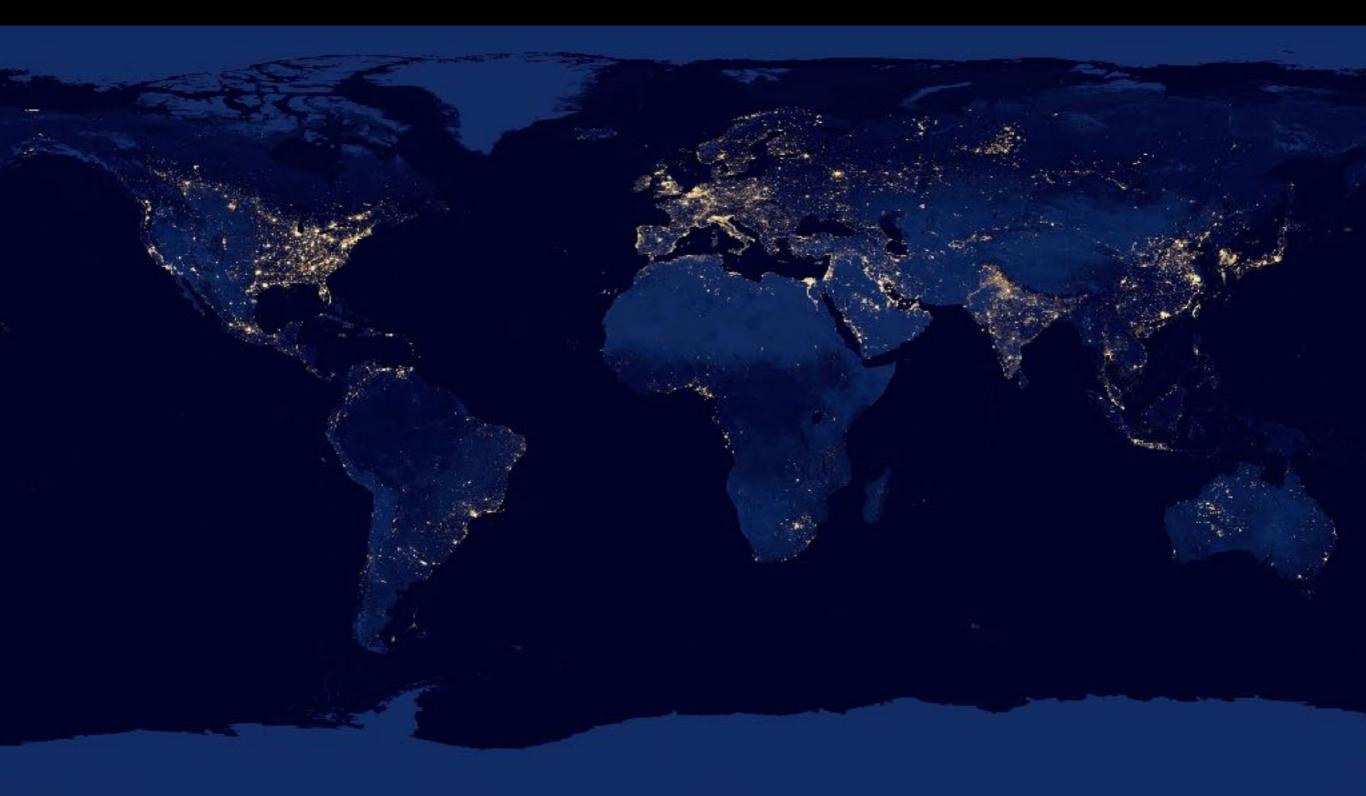
R. P. Turco, O. B. Toon, T. P. Ackerman J. B. Pollack, Carl Sagan



Russell-Einstein Manifesto, 1955



### Today, humanity is once again facing great challenges on a planetary scale



Example: I recently gave a colloquium at the University of Saõ Paulo, Brazil (4 Sept. 2019)

