

# Quote, a scene that sticks with you, or a discussion question that you would like to share and discuss in class?

"Scientists were accused of being 'alarmist' in order to increase financed support for their Enterprise, gain attention, or improve their social standing.

As a first step, ICCEP launched the IalCEP [...] It injects submicrometersized sulfate particles into the stratosphere at the rate of approximately 2.0 teragrams per year. (p. 47)

it is hard to imagine why anyone in the twentieth century would have argued against government protection of the natural environment on which human life depends.

Historians have labeled this system the carboncombustion complex: a network of powerful industries comprised of primary fossil fuel producers "It is clear that in the early 21st century, immediate steps should have been taken to begin the Great Energy Transition. Staggeringly, the opposite occurred."

It was worse to fool oneself into believing in something that did not exist, than not to believe in something that did

"This practice led scientists to demand an excessively stringent standard for accepting claims of any kind."

By 2050, Arctic summer ice was completely gone. Scores of species perished, including the iconic polar bear, the dodo bird of the twenty-1/2rst century.

Are we doing the same mistake as humanity did in the book?

IalCEP had wide- spread support from wealthy nations anxious to preserve some semblance of order, poor nations desperate to see the world do something to address their plight, and frantic low-lying Paci1/2c Island nations at risk of being submerged by ris- ing sea levels

Western scientists built an intellectual culture based on the premise that it was worse to fool oneself into believing in something that did not exist than not to believe in something that did. Scientists referred to these positions as "type I" and "type II" errors, and established protocols designed to avoid type I errors at almost all costs. (p.44)

The scene with the (ICCEP) international climate cooling engineering project stuck with me as it reflects the western civilisations constant refusal to adapt and lower life style expectations in order to deal with climate change. Instead geo engineering options and altering our environment in ways that we can never fully understand is always favourable. why not look to the root of the problem and adapt out lifestyles instead.

There is no need to rehearse the details of the human tragedy that occurred; every schoolchild knows of the terrible suffering.

Page 49: "A key attribute to the period is that the power did not reside in the hands of those who understood the climate system, but rather in the political, economic, and social institutions that had a strong interest in maintaining the use of fossil fuels

"The victims knew what was happening and why"

As the devastating effects of the Great Collapse began to appear, the nation- states with democratic governments– both parliamentary and republican–were at first unwilling and then unable to deal with the unfolding crisis.

about Sea Level Rise Denial Bill Then legislation was passed (particularly in the United States) that placed limits on what scientists could study and how they could study it, beginning with the notorious "Sea Level Rise Denial Bill," passed in 2012 by the government of what was then the U.S. state of North Carolina (now part of the Atlantic Continental Shelf ) and the Government Spending Accountability Act of 2012, which restrict- ed the ability of government scientists to attend conferences to share and analyze the results of their research.

"To the historian studying this tragic period of human history, the most outstanding fact is that they knew what was happening and why."

"A key attribute of the period was that power did not reside in the hands of those who understood the climate system, but rather in political, economic, and social institutions that had a strong interest in maintaining the use of fossil fuels."

While the world focused on these highly visible losses, warming had meanwhile accelerated a less visible but widespread thawing of Arctic permafrost. Scientists monitoring the phenomenon observed a sudden increase in permafrost thaw and CH4 release.

Scientists missed the most important opportunities in human history, and the costs that ensured were indeed nearly "all costs".

"Western scientists built an intellectual culture based on the premise that it was worse to fool oneself into believing in something that did not exist than not believing in something that did."

"Power did not reside in the hands of those who understood the climate system, but rather in political, economic and social institutions that had a strong interest on maintaining the use of fossil fuels"

---

Although records for this period are incomplete, it is likely that during the Mass Migration 1,5 billion people were displaced [...]

"To the historian studying this tragic period of human history, the most astounding fact is that the victims knew what was happening and why."

"Scientists, to their credit, recognized some of the difficulties they were facing, and were grappling with how to communicate their knowledge effectively"

scientists missed the most important opportunity in human history, and the costs that ensued were indeed nearly "all costs."

"scientists were accused of being "alarmist" in order to increase financial support for their enterprise, gain attention, or improve their social standing."

" Historical analysis also shows that Western civilization had the technological know-how and capability to effect an orderly transition to renewable energy, yet the available technologies were not implemented in time." (p. 10)

Discussion question --> Is it realistic that at some point all countries will 'wake up' and – according to the text – rapidly sign a new agreement to make a sudden shift in their energy use? At what point is this supposed to happen? And why not earlier?

"issued challenges to scientific information they found threatening"

"In an almost childlike attempt to demarcate their practices from those of older explanatory traditions, scientists felt it necessary to prove to themselves and the world how strict they were in their intellectual standards."

"The loss of pet cats and dogs garnered particular attention among wealthy Westerners, but what was anomalous in 2023 soon became the new normal."

" ...the victims knew what was happening and why." "The thesis of this analysis is that Western civilization became trapped in the grip of two inhibiting ideologies: namely, positivism and market fundamentalism."