Climate Change and Scheffler’s “Afterlife”

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Australian National University
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Allies
The human species faces many threats to its health - perhaps to its survival. 

*Planetary Overload* forcefully points out the consequences to human health of ongoing degradation of Earth's ecosystems.

![Planetary Overload Book Cover](image)
A primary premise behind AJM’s work is that the future should matter.

But does it matter to people?
“Defective Telescopic Faculty”

- No philosophical basis, but people do not value the future as they should
- Society consequently devote too few resources to investment for the future

Pigou, 1920
Golden Rule of Investment

“... select that value of the variable under your control which maximizes the present value of the investment account”

Samuelson, 1966
Present value – discount the future

• Even at modest economic discount rates, costs and benefits in the far future count little
• $100 in 2100 counts as only 50 cents today at a 6% annual discount rate.
• Even the so-called natural discount rate based on genetic rules – 50% per generation or 3%/year -- produces little present value today for $100 of costs in 2100 – $7
• The near-term dominates.
• Discount rate was perhaps the most important single difference between the Nordhaus and Stern economic assessment of climate change
• Both used the present value framing, however.
The Afterlife

Lectures given at major universities around the world 2010-2012

Samuel Scheffler

New York University

Including ANU, Aug 2011, and Berkeley, Mar 2012
Futures

Number One, The Baseline:
In time, you die and everyone you know dies

Number Two: The Patient Asteroid

Number Three: The Empty Crib
Number Two: The Patient Asteroid

• 30 days after your natural death, an asteroid will strike Earth destroying everything and everyone.
• Would it change what you do and value today?
Number Three: The Empty Crib

- Knowing that all whom we love would die in #2 would distress us, thus consider #3 instead
- Everyone alive has a normal lifetime, but no children are born
- Would it change what you do and value today?

PD James, *Children of Men* 1992
“...those who lived gave way to the almost universal negativism, what the French named *ennui universel*. It came upon us like an insidious disease; indeed, it was a disease, with its soon-familiar symptoms of lassitude, depression, ill-defined malaise, a readiness to give way to minor infections, a perpetual disabling headache.”
“Without the hope of posterity, for our race if not for ourselves, without the assurance that we being dead yet live, all pleasures of the mind and senses sometimes seem to me no more than pathetic and crumbling defenses shored up against our ruins”
“...James’s speculations invite us to consider the possibility that our conception of “a human life as a whole” relies on an implicit understanding of such a life as itself occupying a place in an ongoing human history, in a temporally extended chain of lives and generations.”
“If this is so, then, perhaps, we cannot simply take it for granted that the activity of, say, reading *The Catcher in the Rye* or trying to understand quantum mechanics or even eating an excellent meal would have the same significance for people, ... in a world that was known to be deprived of a human future.”

From Scheffler
“We cannot assume that we know what the constituents of a good life would be in such a world, nor can we even be confident that there is something that we would be prepared to count as a good life.”

“So, like the biblical Moses denied access to the Promised Land, we stand gazing through the lens of shared values and history toward a future we will not enter.” (Scheffler)
“Every single person now alive will be dead in the not-too-distant future. This fact is universally accepted and is not seen as remarkable, still less as an impending catastrophe. There are no crisis meetings of world leaders to consider what to do about it, no outbreaks of mass hysteria, no outpourings of grief, no demands for action.
“This does not mean that individuals do not fear their own deaths. To the contrary, many people are terrified of death and wish desperately to survive for as long as possible. Despite this, neither the recognition of their own mortality nor the prospect that everyone now alive will soon die leads most people to conclude that few of their worldly activities are important or worth pursuing.”
The Afterlife Conjecture

• “The fact that we and everyone we love will cease to exist matters less to us than would the non-existence of future people whom we do not know and who, indeed, have no determinate identities.”

• “Or to put it more positively, the coming into existence of people we do not know and love matters more to us than our own survival and the survival of the people we do know and love.”
What does the Afterlife say about discounting?

- “the fact that, in certain respects, we care less about our own survival than about the survival of humanity shows something important and insufficiently appreciated about the limits of our egoism.” (Scheffler)
- “Egoism” here, perhaps being represented by maximizing present value – pleasuring ourselves.
Another Option: Veil of Ignorance

“...no one knows his place in society, his class position or social status; nor does he know his fortune in the distribution of natural assets and abilities, his intelligence and strength, and the like.”

Rawls, 1971
Intergenerational Skype Call

• “The idea then, is to render moot those personal considerations that are morally irrelevant to the justice or injustice of principles meant to allocate the benefits of social cooperation.” (Rawls)

• One’s location on the continuum of human history is another “personal consideration” that should be blinded to make just social decisions with long-term implications.
Our place in the historical continuum

• In Kafka’s story, “He”, the protagonist is on the road of time.
• He finds value in using the future as an ally in his battle with the past
• But also turns around to battle the future using the past as an ally

Kafka, 1924
What does the Afterlife say?

• “The point has not been that we are more highly motivated to advance the interests of future generations, but rather that we are in certain ways more dependent on them. If we find this surprising, it is less because we have been blinded to our own altruism than because we have overestimated our independence and self-sufficiency.” (Scheffler)
What about Kafka’s Other Ally, the Past?

• “Beforelife” needed as well – missing in Scheffler
• Traditions recognize this, for example the Mexican Day of the Dead – displays of those now dead who still are part of our life -valued.
KENNEDY IS KILLED BY SNIPER AS HE RIDES IN CAR IN DALLAS; JOHNSON SWORN IN ON PLANE

TEXAN ASKS UNITY
Congressional Chiefs of 2 Parties Give Promise of Aid

By FELIX SELBY Jr. Washington Post, Nov. 22
WASHINGTON, Nov. 22—Lyndon B. Johnson, who was a senator in the Congress, was asked to become the new President and accept the position of Governor of Texas.

The new President, known for his ability to work with Congress, will take over the administration of the state in a crisis. The Johnson Administration has been in charge of the state for the past two years.

LEF'TIST ACCUSED
Figure in a Pro-Castro Group Is Charged—Policeman Slain

By GLADWELL HILL
DALLAS, Texas, Nov. 21
Lee Harvey Oswald, a 24-year-old farmer, was charged with the murder of President John F. Kennedy.

Oswald was arrested last night at 11:00 p.m. in a suburb of Dallas. He was taken to the hospital for treatment of a gunshot wound.

Gov. Connally Shot; Mrs. Kennedy Safe
President Is Struck Down by a Rifle Shot From Building on Motorcade Route—Johnson, Riding Behind, Is Unhurt

By TOM WICKER
DALLAS, Nov. 22—President John F. Kennedy was shot and killed by an assassin today.

He died of a wound in the brain caused by a rifle bullet that was fired at him as he was riding through Christmas Dallas in a motorcade. Vice President Lyndon Baines Johnson, who was riding in the third car behind Mr. Kennedy’s car, was sworn in as the 36th President.
The Afterlife Paradox

• In order to feel responsibility to the future
• One has to feel some control over it
• To feel the future is controlled by the past, however
• We must in turn feel bound by the past.
• Obviously there are limits, but nevertheless
• Institutions that bind us to the past, paradoxically, also help us deal with the future: allies for Kafka’s “He”
Bound by the past

Archbishop Desmond Tutu, Chair of South Africa’s Truth and Reconciliation Commission
What does this have to do with *Planetary Overload*?

Take climate change as an example
2007 IPCC Fourth Assessment Report (AR4)

Multi-model averages and assessed ranges for surface warming

- A2
- A1B
- B1
- Year 2000 Constant Concentrations
- 20th century

Global surface warming (°C)

Year

1900 2000 2100

©IPCC 2007: WG1-AR4
Max temps committed but not yet reached by 2100
Here is what happens at 3 degrees

What about 6 or 9 degrees?

Hyatt, Lernke, Kellstrom, 2010
What is coming?

• Places exist on Earth now where people cannot work outdoors during the day part of the year
• More and more of them with global warming
• When in significant populated areas will it be possible only to work in winter or at night?
• Then only in the winter at night?
• Then?
• When do these low probability – high consequence futures cross the Afterlife criterion?
Science Fiction has many examples of colonies on other planets.

Colony on Extraterrestrial Planet in *Aliens II*
Do we face

• The possibility of needing to build these on our own planet or abandon great portions of it?
• Indeed, the colony in *Aliens II* may be even more prescient.
• It was a Terra-forming colony – operating a giant machine changing the atmosphere to make the alien planet inhabitable
• To deal seriously with CO₂ may take more than emissions reductions – may take Terra-reforming – making our own planet inhabitable again
2100 – is it even the future?

Yui Honda, Born Oct 26, 2012
One week ago
Japanese girl babies have the longest life expectancy on Earth

87.4 years
Thus, Yui will very likely live to see 2100

She is among the very first members of Earth’s 22C Club

Twenty-second Century Club
When girl babies will live to see 2100.
By 2022 baby Chinese girls will live to see 2100

Before 2030, baby Indian girls too
Summary

• What has the future done for us? -- It gives our lives meaning.
• What has the past done for us? It is not even past*

*Apologies to Faulkner: “The past is never dead. It's not even past.”

Faulkner 1951
“Our most basic common link is that we all inhabit this planet. We all breathe the same air. We all cherish our children's future. And we are all mortal.”

We need to reaffirm who “We” are

Kennedy, 1963