

01:06:47 Claude Buettner, MN:

C: People in general trust Climate scientists less than other scientists per this paper posted on Research Gate:

https://www.researchgate.net/publication/240105870_Climategate_Public_Opinion_and_the_Loss_of_Trust

01:11:51 Dave Dougherty:

C: myclimate – your partner for effective climate protection

<https://www.myclimate.org/en/>

01:14:00 Richard van der Jagt:

C: We need to make use of sustainable aviation fuel (SAF) mandatory with all flights. Think of the carbon footprint of the COP participants!

01:16:23 Claude Buettner, MN: Replying to "we need to make use ..."

C: Keep studying this, Richard, as it seems to be a myth. RAND corporation even confirmed this in early studies; would take over too much agricultural land.

01:17:13 Ted Manning:

Q: What percentage of GHGs globally are from air travel?

01:17:56 David Pollock: Replying to "we need to make use ..."

C: Jeff Passmore is an expert on this, I believe, and there are lands not suitable for agriculture that could grow certain bio-fuel crops.

01:18:02 Ted Manning:

Q: What percentage of flights are for tourism and which can be categorized as essential or necessary travel?

01:18:12 Dave Dougherty: Replying to "What percentage of f..."

What share of global CO₂ emissions come from aviation? - Our World in Data

<https://ourworldindata.org/global-aviation-emissions> [~2.5%. Ed.]

01:18:34 Claude Buettner, MN: Replying to "what percentage of G..."

C: Rule of thumb, I've seen 2%. McKinsey & Company suggested that this will be the last industry to be decarbonized.

01:18:34 David Pollock: Replying to "we need to make use ..."

C: Norway has gone electric flights for domestic flights.

01:20:04 Claude Buettner, MN: Replying to "we need to make use ..."

C: @David Pollock So that is destroying what little remains of Nature buy using up "useless" land. Read the book *Bright Green Lies* (two of the co-authors have presented to CACOR earlier if you don't want to read the book).

01:23:22 David Pollock: Replying to "we need to make use ..."

C: The issue is a consideration as to whether we can stop all flying. If not, there is some merit in using biofuels for certain purposes. It's not an all or nothing approach of destroying all remaining nature. Some biofuels could go hand in hand with regeneration of vast amounts of land IMO.

01:30:42 Dave Dougherty:

C: Aquamations - Aquamation, Water Cremation, Affordable Cremation

<https://aquamations.ca/>

01:31:06 Dave Dougherty:

C: Aquamation - Services | Funeral Home Ottawa

<https://www.fco-cfo.coop/en/services/aquamation/>

01:31:08 David Pollock:

Q: What do you think may be the most motivating approach to help the middlingly affluent group make changes to fossil fuel use?

01:35:30 Dave Dougherty: He just described Jevons paradox.

C: Jevons paradox - Wikipedia

01:42:50 Dave Dougherty:

C: That way of discussing emission reduction is profound. It is not as though emission reductions can be avoided. It is a question of whether they are voluntary or not. This nears what Malthus said: we can control ourselves voluntarily or we'll be controlled by famine, disease, and violence.

01:44:55 Claude Buettner, MN:

C: "Disorderly degrowth" seems to be in our future as per Peter Carter's recent assessment that all Climate Change Indicators are now Climate Catastrophe Indicators as all the figures are bad and getting worse faster: <https://www.youtube.com/watch?v=Uk9vulmEbqc>

01:44:56 Dave Dougherty:

C: I think Dr. Murphy was referring to this presentation by TAD.

Dr. Thomas Homer-Dixon World 3 at 50 - What it got right and what it got wrong - CACOR Zoom Series - Canadian Association for the Club of Rome

01:46:51 Geoff Strong:

Q: You have outlined all of the problems and indicated what needs to stop, but we do not have a replacement for these activities. Having polluters 'pay' for their damage does not remove the damage. So, working out a formula for big polluters to pay is a non-starter. Degrowth may be required, but who will do it? It is also impractical to think people will severely limit their current styles/standards of living. What can you offer for a viable means to mitigate the climate crisis?

01:48:07 Anitra Thorhaug:

C: The question of absorption by sea plants should be restated in terms of mangroves and seagrass. The second point is to give the public action areas to do which seems positive to them rather than tell them what they cannot do.

01:52:31 Art Hunter:

C: The Ontario government just issued a press release that says: Ontario recently introduced the Affordable Energy Act that would, if passed, enable the implementation of the province's first-ever integrated energy plan which will ensure the entire energy sector is aligned behind the government's pro-growth agenda. Ontario's electricity system is among the cleanest in the world, powered by a diverse supply mix including nuclear, hydroelectric, renewables, natural gas, and biomass.

01:53:10 Art Hunter:

C: The Ontario government is on track to add more gas plants.

01:53:16 shahin:

C: While we believe that the world is like a small village and the result of any emission affects all of us on the planet, I don't understand why flow of technology, especially clean-tech, is so tight?

01:54:53 Claude Buettner, MN:

Q: How do you personally, Dr. Murphy, deal with your grief as you study these growth developments?

01:54:57 Paul Beckwith:

C: I have a few questions and comments.

01:59:23 Ted Manning:

C: Whatever happened to the concept of "polluter pay," which used to have some acceptance as a lever. Now, those profiting from global and regional pollution are able to ignore this and their creed is polluter profits (at everyone's expense).

02:02:00 Richard van der Jagt:

C: The power of the fossil fuel industry and how they manipulate everyone and politicians are painted beautifully by Naomi Klein.

02:09:22 David Pollock:

C: I think there are ways we can help prepare our grandchildren through helping them:

1. understand the challenges and leading them into the enjoyment of low emitting activities like canoe trips.
2. learn gardening skills, solar hook up skills, etc.—building local community can be challenging and enjoyable.
3. think about their carbon budget and respond ethically.

02:12:57 Art Hunter:

C: I was late today as I was involved with trying to get an Ottawa area Virtual Power Plant with a grid sized battery started. Microgrids, virtual power plants are growing rapidly. I don't think it is fast enough, but it is not standing still, despite Doug Ford's apparent desire to add in more natural gas generating turbines.

02:13:09 Richard van der Jagt:

C: The CO₂ we put into the atmosphere today will be there for the next 50 years.

02:15:26 David Pollock:

C: What about banning private jets?

02:16:18 David Pollock:

C: A big education effort and stick it to the rich might go down well with the population. Then next we could start thinking of our own flights.

02:18:23 Richard van der Jagt:

C: Get rid of the "axe the tax" which seems to be so popular with the populace.

[Ah, gimmicks and catch phrases. Ed.]