

DEEP DECARBONIZATION INITIATIVE UC San Diego

<https://deepdecarbon.ucsd.edu/>

With Victor David

Who is David Victor?

- Professor at UCSD's School of Global Policy & Strategy
- Co-director of UCSD campus-wide Deep Decarbonization Initiative
- Adjunct professor in climate atmospheric science and physical oceanography at Scripps Institute of Oceanography
- Taught energy & environ law at Stanford Law school
- **Lead conveyor of IPCC, member of the WEF's Global Future council on Energy and council**

Victor David – more

- Victor is a professor of Innovation and Public Policy at the School of Global Policy and Strategy and a professor of Climate and Atmospheric Science at the Scripps Institution of Oceanography. He is also an **adjunct professor in the department of Mechanical and Aerospace Engineering.**
- <https://gpsnews.ucsd.edu/new-report-calls-for-cross-sector-approach-to-climate-action/>

Victor David CV

- EDUCATION
- 1997 Ph.D. (**Political Science**), MIT
- 1987 A.B. (History and Science), Harvard University
- In 2014, Victor was chosen to act as Chairman of the Community Engagement Panel (CEP) for decommissioning of the San Onofre Nuclear Power Plant.

Abu Dhabi

- Victor, who visited the nuclear plant in November 2019, described it as a sophisticated solution to the problem of producing a sustainable form of clean energy.
- <https://gpsnews.ucsd.edu/the-future-of-nuclear-power/>

Solution: Geoengineering?

- Mr David while at Stanford, proposed Geo-engineering to cool the planet.
- https://pesd.fsi.stanford.edu/news/has_the_time_come_for_climate_engineering_20090319
- My question: How are the solar panels going to work with all the aluminum, strontium, barium raining, geo-engineered cloud cover over them?

San Diego CAP

Climate Action Plan

- <https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/CAP-Update-SGA-Map-Mobility-Hubs-Region.pdf>
- New SD Chief Sustainability Officer – from SF
- <https://www.countynewscenter.com/meet-the-countys-new-chief-sustainability-officer/>
- Brukman is a graduate of UC Berkeley where she received a B.A. in Architecture and a minor in Visual Studies. She also received a Master of Design at the Edinburgh College of Art.

SD County CAP update

GHG Emissions Inventory and Projections

The inventory follows the International Council for Local Environmental Initiatives (ICLEI) U.S.

The inventory includes emissions from activities (e.g., transportation, electricity, and natural gas use, agricultural operations,

- **water** and wastewater treatment) within the unincorporated area that are within the
- County's municipal land use jurisdiction
- <https://icleiusa.org/us-community-protocol/>
- <https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/County-of-San-Diego-CAP-Update-BOS-Memo-230914.pdf>

CO2 sequestration

- According to SD CAP
- forests and woodlands have the highest annual sequestration rates per hectare

Chop Down Forests To Save The Planet?

Maybe Not As Crazy As It Sounds

- <https://www.forbes.com/sites/christopherhelman/2023/07/28/chop-down-forests-to-save-the-planet-maybe-not-as-crazy-as-it-sounds/?sh=5e4321a311fc>

Stanford News

- Study finds combustion from gas stoves can raise indoor levels of chemical linked to a higher risk of blood cell cancers
- Encinitas took an approach in 2021 when they banned natural gas connections for all new construction, including space heaters, fireplaces, and stoves.

Rice growing is hurting planet

- According to the WEF
- <https://www.weforum.org/agenda/2019/06/how-rice-is-hurting-the-planet/>

Science of Language

- Rethinking of “Global Warming” – language has changed to “Climate Change”
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- Mr Victor has a PhD in Political Science.
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- What kind of science is that? Seems to be the “science” of language. ie: the art or “Science” to shift public perception.

Decarbonizing buildings

- The growth of smart meters and other “intelligent components” enabling a more systems-oriented efficiency approach. Increased connectivity between devices and the electric power grid—which produces the majority of building sector emissions—allows users to tailor their demand and even utilize devices for energy storage, both of which could help to reduce emissions.
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- **SD Regional Decarbonization Framework**

LAWSUIT FILED AGAINST COUNTY OVER DECARBONIZATION PLAN

- **SD Regional Decarbonization Framework**
 - <https://www.eastcountymagazine.org/lawsuit-filed-against-county-over-decarbonization-plan>
 - Defendents included UCSD and David Victor for conflict of interest for grant from utility co.

World Climate Declaration

- 1,821 Scientists and professionals have prepared this urgent message:
- **“There is No Climate Emergency”**
- “Climate science should be less political, while climate policies should be more scientific. Scientists should openly address uncertainties & exaggerations in their predictions of global warming, while politicians should dispassionately count the real costs as well as the imagined benefits of their policy measures.
- Clintel.org www.clintel.org

City Council meeting

- Think Global, Act Local
- <https://www.youtube.com/watch?v=SPriUfNASX0>