



Changing Climate, Geoengineering and Weather Modification

Description



In this 30-minute video, Prof. Mark Skidmore discussed both natural and man-made causes of “climate change.” He also examined weather modification and geoengineering techniques and their applications worldwide.

[Dr. Skidmore is a Professor of Economics](#) at Michigan State University. His research covers topics in public finance, regional economics, and the economics of natural disasters.

It's important to recognise that climate and weather are not the same. Weather is local while climate is global. And, geoengineering is to change the climate globally whereas weather modification activity is to change the weather locally.

For context, Prof. Skidmore begins by talking about factors that we don't always think about that affect climate and weather. “Two of those things are the solar cycle and the changing magnetic field that's occurring right now,” he said.

“Another thing that's happening, if you go back 40 or 50 years, we had a much more stable air [jet] stream. And now we have a wavier air [jet] stream ... I tend to think it may be associated with a change in magnetic field and change in solar activity.

“I would make a distinction between changes in the overall global temperature [and] this wavy [jet] stream where you can get more [temperature] extremes in the mid-latitude areas.”

Another factor Prof. Skidmore discussed was pole shifts. A lot of people may not realise that the Earth has had physical pole shifts that have occurred many times in Earth's history, Prof. Skidmore said. “The most recent one occurred about 12,000 years ago. The previous physical location of the North Pole used to be in Hudson Bay, Canada.” Prof. Skidmore is referring to the physical, not the magnetic North Pole. Using work done by Mark Carlotto, Prof. Skidmore explained how it can be demonstrated that the physical North Pole has shifted.

Prof. Skidmore then moved on to discuss geoengineering and weather modification: the involvement of the public and private sector, overt and covert activities, the history, the type of interventions and whether it is effective.

Geoengineering involves solar radiation management through the injection of aerosols into the stratosphere, and carbon capture and storage. The dominant form of weather modification is cloud seeding but other approaches to influencing the weather include the use of ultrashort lasers, satellite systems, electrical charges and sound waves.

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Changing Climate and Weather/Climate Modification Techniques, 20 October 2022 (29 mins)

References:

- Valentina Zharkova (2020) Modern Grand Solar Minimum will lead to terrestrial cooling, Temperature, 7:3, 217-222, DOI: 10.1080/23328940.2020.1796243
- [Boger, M. \(2009\). Operational Defense through Weather Control in 2030. Air Command and Staff College Air University Research Report](#)
- [Bunyan, R. \(2021\). Dubai creates its own RAIN to tackle 122F heat: Drones blast clouds with electrical charge to produce downpours, Daily Mail](#)
- Carlotto, M. J. (2020). An Analysis of the Alignment of Archaeological Sites, Journal of Scientific Exploration, 34(1)
- Carlotto, M. J. (2022) Toward a New Theory of Earth Crustal Displacement, Journal of Scientific Exploration, 36(1)
- [Use of artificial satellites in earth orbits adaptively to modify the effect that solar radiation would otherwise have on earth's weather, Google Patents](#)
- [Chen, S. \(2021\). Chinese scientists use sound waves to increase rainfall on Tibetan Plateau, South China Morning Post](#)
- [Connor, J. T. \(1965\). The Weather Services of the Environmental Science Services Administration \(p. 9\)](#)
- [House, T, Near, J., Shields, W., Celentano, R., Husband, D., Mercer, A., Pugh, J. \(1996\). Weather as a Force Multiplier: Owning the Weather in 2025. Air Force Research Paper](#)
- Knowles, S. & Skidmore, M. and S. Knowles (2022). Using Weather Modification to Subdue Severe Weather. In M. Skidmore (Ed.), Handbook on the economics of disasters (pp. xx–xx). Cheltenham, UK: Edward Elgar Publishing
- [Knox, P. \(2018\). China 'will move clouds and make it rain in different places using satellites' in terrifying weather control plan, The Sun](#)
- NOAA. (n.d.). Project STORMFURY. <https://doi.org/10.1175/1520-0477-50.6.404>
- [Schaefer, V., & Bernard, V. \(1994\). Method of Crystal Formation and Precipitation. In ACM SIGGRAPH Computer Graphics](#)
- Shapley, D. (1974). DOD Said to Admit to Weather War. Science, 184, 4132, DOI: 10.1126/science.184.4132.47
- [Rogers, J. \(2013\). Project Skywater. In Historic Reclamation Projects](#)
- [Staats, E. B. \(1972\). Memorandum to Senator Schweiker from Comptroller General Elmer B. Staats](#)

- [Wolf, J. P. \(2018\). Short-pulse lasers for weather control. Reports on Progress in Physics, 81\(2\)](#)
- [Zharkova, V. \(2020\). Modern Grand Solar Minimum will lead to terrestrial cooling. In Temperature \(Vol. 7, Issue 3, pp. 217–222\)](#)
- Zharkova, V. (2020). Modern Grand Solar Minimum will lead to terrestrial cooling. Temperature, 7(3), 217-222
- Zharkova, V. V., Shepherd, S. J., Popova, E., & Zharkov, S. I. (2015). Heartbeat of the sun from principal component analysis and prediction of solar activity on a millennium timescale. Scientific Reports, 5(1), 1-11
- [Yearly Carbon Dioxide Peak](#), Climate Central
- [Recap: The Changing Jet Stream and Global Cooling](#), Electroverse
- [GeoEngineering Watch](#)
- [Historical Magnetic Declination](#), National Centres for Environmental Information, National Oceanic and Atmospheric Administration
- [A 500-million-year survey of Earth's climate reveals dire warning for humanity](#), Science
- [Log-scale graph of atmospheric carbon dioxide \(CO2\) levels](#), Sea Levels
- [High-frequency Active Auroral Research Program](#), Wikipedia
- [Brian Pallister avoids question!! Makes bizarre comment Winnipeg, MB](#), YouTube
- [What is the jet stream?](#) Climate.gov

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