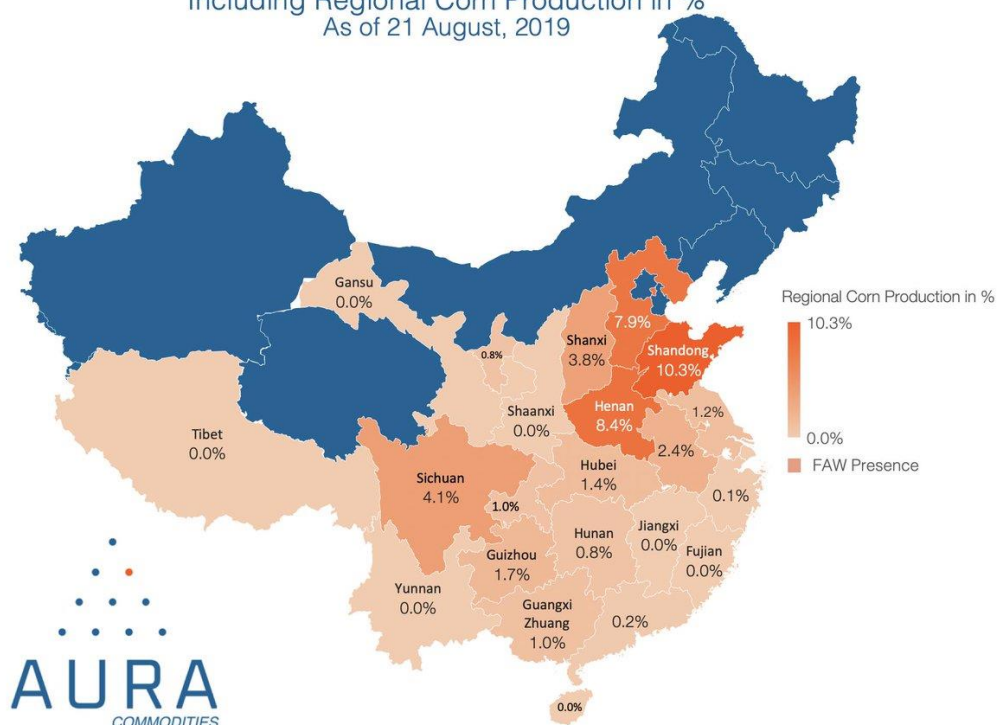


Geoengineering Crop Losses & China's Substitution for Edible Oils



A glimpse on the vector spread of the Fall Armyworm in China during the growth spurt stage. This overlaps showing heavy infestation in corn throughout Northeast China as seen on this map. It is expected that these areas, which normally have the highest corn production levels in China will slash multiple tens of percent from production levels.

Presence of Fall Armyworm (FAW) in China
Including Regional Corn Production in %
As of 21 August, 2019



Source: National Agricultural Technology Extension Service Centre, 23.8.19.

This is why China has started exempting US pork, soybeans, and US farm goods from trade war import tariffs.

 South China Morning Post 13 Sep, 2019

China to exempt US pork and soybeans from additional trade war duties, in response to Trump's tariff delay

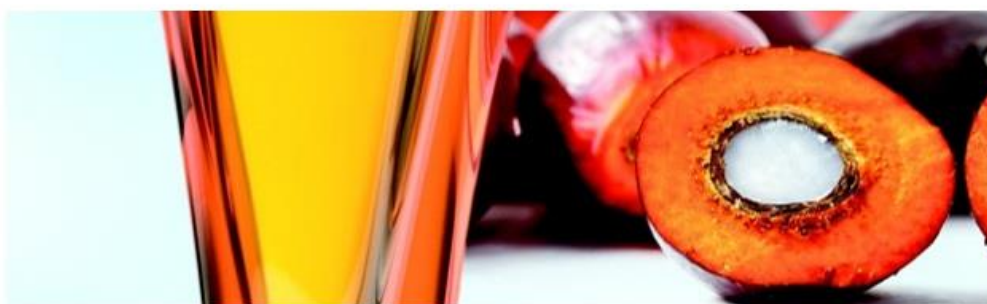


China has announced that it will **exclude imports of US soybeans, pork and other farm goods** from additional trade war tariffs, opening the door for significant purchases of agricultural products.

China may run out of soy bean oil as well or have a bottleneck in their imports, so the country is looking for a substitution oil. Palm oil seems to be a candidate, and apparently, China has bought the entire world's supply. A little warning though, it is going to take a while to bring back some excess surplus in the individual palm oil producing countries. This is the first substitution crop, on a global level, that is expected during the Grand Solar Minimum.

 THE BUSINESS TIMES WED, AUG 28, 2019 -

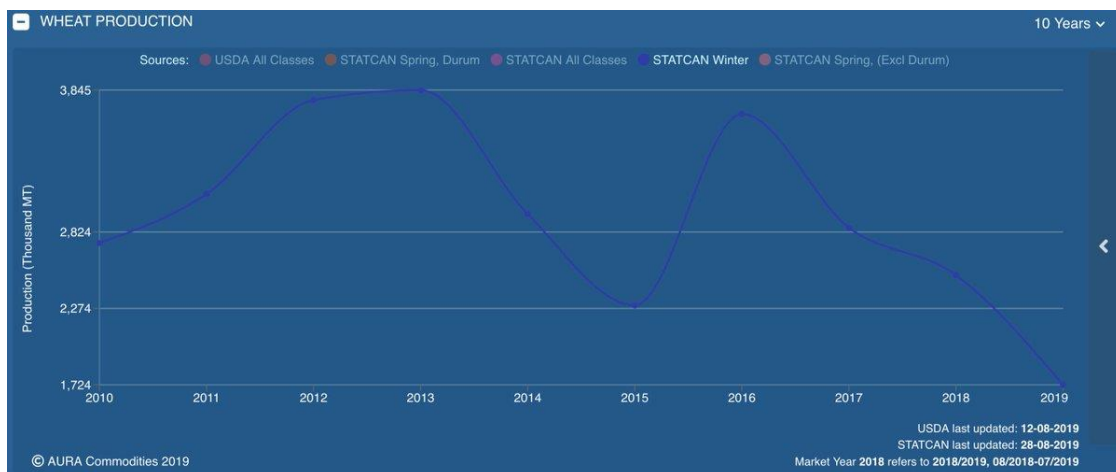
China goes over the moon for palm oil



The world's top commodity importer **almost tripled palm oil imports from Malaysia** during the first 25 days of this month as deepening trade tensions with the US lower supplies of soya bean oil, sending buyers hunting for an alternative.

China may import a record 6.7 million tonnes of the world's most-consumed cooking oil in the year from October, according to the China National Grain and Oils Information Center, as **the trade war and the spread of African swine fever curtail supplies of soya beans, leading to lower output in soya oil.**

Meanwhile, the final Canadian harvest figures for winter wheat will be out next week. This is a good gauge of what was expected, before the out of season blizzards ripped across the grow zones.



Estimates are -31% to -39% respectively, the lowest crop harvest in over 15 years. This is a good data point, so you can match these up, then compare harvest numbers to what was forecast vs reality.

Then, we can really see how the USDA has dropped the ball so badly in its forecasts.

 **Aura Commodities** @AuraCommodities · Sep 5
STATCAN 28 Aug:

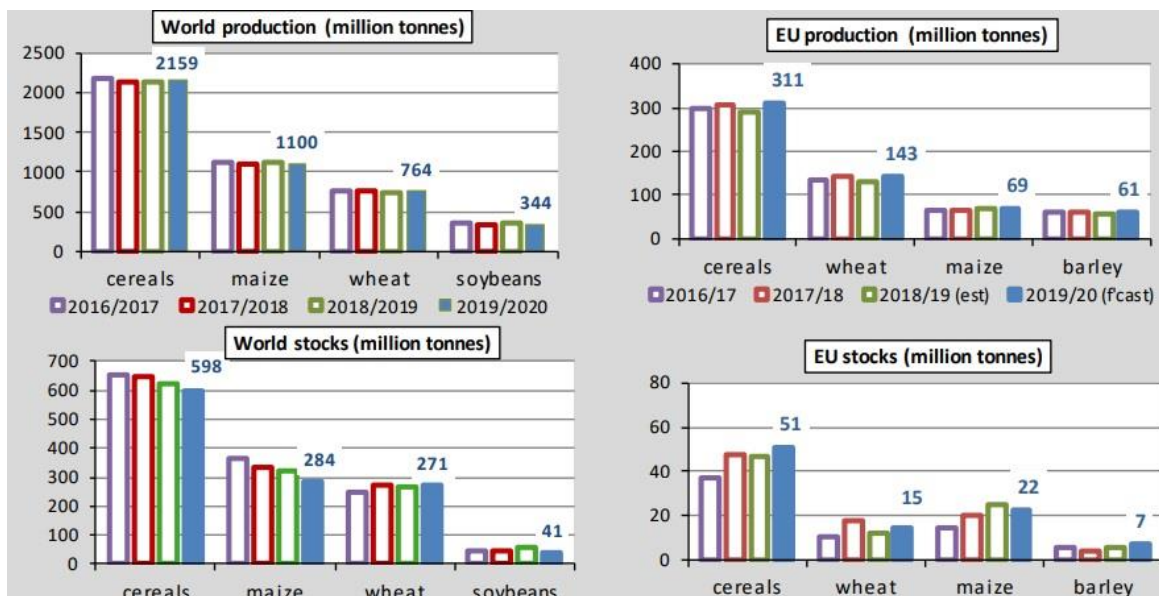
Steep declines in production expected for #Canada #WinterWheat vs last year & the average, down -31.4% & -39.7%, respectively.

This is the lowest estimated winter wheat crop for Canada since 2003.

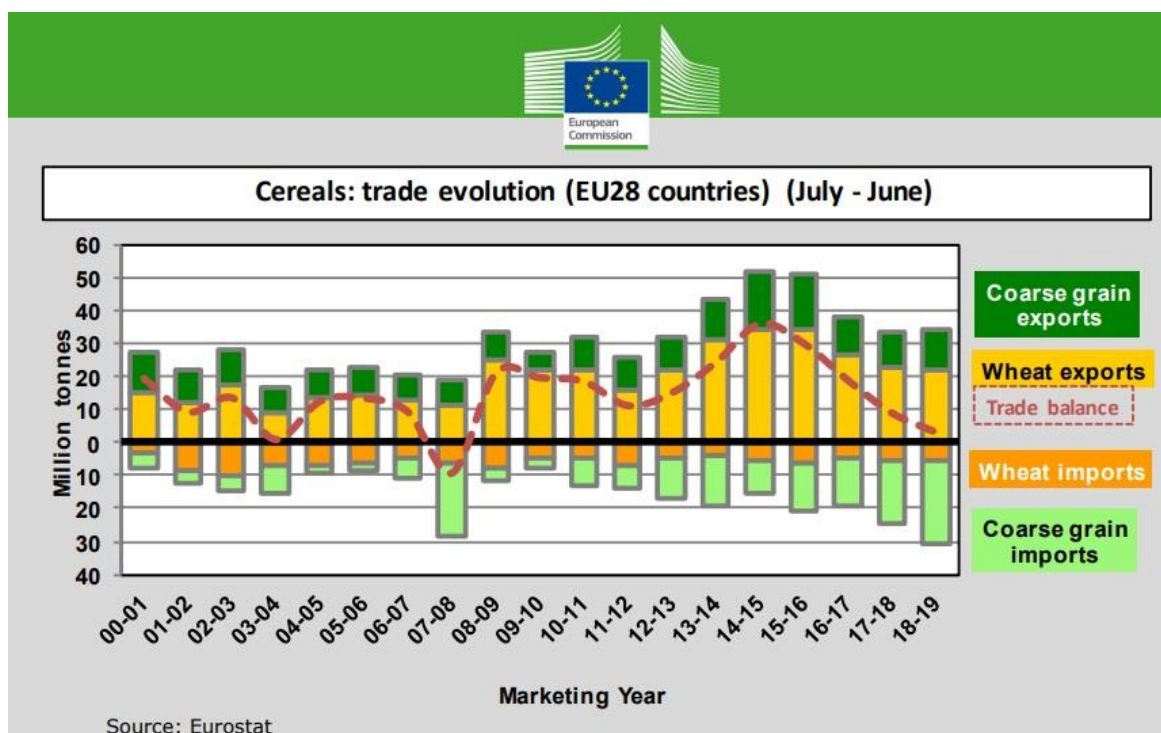
Check out the full report on Aura: ow.ly/mkUo50vXaac



In the meantime, these charts give you a glimpse of estimated world production and world stock figures. Why does every source depict a decrease for world ending stocks? I thought it was supposed to be the biggest yield across the planet ever.




EU trade has dropped as well, in both inbound and outbound, of wheat coarse grain forecasts.



If you want updates for snowfall and repeating weather patterns in the Southeast US, this is absolutely one of the best sources I can recommend, *Yanasa Ama Ranch*. He also goes back in time, and talks about the ENSO with category 5 blizzards and how this may translate into heavy snowfall east coast USA.

1896	THANKSGIVING BLIZZARD	CAT 4
1897	BLIZZARD THAT CHANGED THE FRONTIER	CAT 5
1898	BLIZZARD OF NOVEMBER 26-27	CAT 4
1899	THE GREAT BLIZZARD	CAT 5
1905	THE GREAT EQUALIZER	CAT 4
1907	884" SIERRA DEATH VALLEY BLIZZARD	CAT 5
1909	GREAT PLAINS BLIZZARD	CAT 4
1916	THE MAMMOTH BLIZZARD	CAT 5
1920	APRIL BLIZZARD	CAT 5
1921	FEBRUARY BLIZZARD	CAT 5
1922	JANUARY BLIZZARD	CAT 5
1927	APRIL BLIZZARD	CAT 5
1927	FEBRUARY BLIZZARD	CAT 5
1927	DECEMBER BLIZZARD	CAT 5



WHITEOUT | CAT5 BLIZZARD | ENSO Winter + Weaker Solar Cycles
3,987 views • Oct 19, 2019

Yanasa Ama Ranch
19.9K subscribers

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A little dramatic. In order to mitigate climate change, cities are now trying to ban drive through lines at fast food establishments; ridiculous.

 **Ryan Maue** @RyanMaue · Oct 15
Cities ban new "drive thru" restaurants to fight climate change.



Cities ban new drive-thrus to fight climate change
Drive-thru windows at fast-food restaurants, banks and other businesses have long represented the convenience for which American businesses a...
winknews.com

If that is not enough, Bill Gates and David Keith at Harvard want to do even more to help with climate change; they want to spray the skies to dim Sunlight and reduce the amount of sunlight striking the planet's surface.

MIT Technology Review

Sustainable Energy

Harvard Scientists Moving Ahead on Plans for Atmospheric Geoengineering Experiments

The climate researchers intend to launch a high-altitude balloon that would spray a small quantity of reflective particles into the stratosphere.

by James Temple March 24, 2017



Harvard University professor David Keith



Bill Gates Funding Attempt To Stop Climate Change By Dimming The Sun

The Microsoft founder is backing the project which is pioneered by scientists at Harvard University

LB <https://www.ladbible.com>

This may sound good on paper, but looking at what is happening today, our skies are already turning purple due to the six stratospheric eruptions that have emitted so much aerosol and volcanic particulates through 2019. This article, “Why Are Sunsets Turning Purple,” even blamed *Ulawun* volcano in Papua New Guinea for the stratospheric injection.

Why Are Sunsets Turning Purple?

AUGUST 27, 2019 / DR.TONY PHILLIPS



“Sunsets lately have a beautiful purple/pink glow to them, so I have been launching my Mavic 2 Pro drone to photograph them,” says Majoran. “This picture was taken just a few days after the *Ulawun* volcano eruption in New Guinea.”

Also, the purple Colorado skies are blamed to *Raikoke* volcano in Russia; and most sources associated the purple skies to volcanic eruptions.

Purple sunsets? Blame a volcano in pictures - Strange Sounds

strangesounds.org/2019/09/purple-sunset-volcanic-eruption... ▼

Blame Volcanoes for Purple Sunsets This summer, two volcanoes have spewed sulfurous gas into the stratosphere: the Raikoke volcano in the Kirul Islands (June 22nd) and the Ulawun volcano in New Guinea (Aug. 3rd). Fine volcanic aerosols in the ...

Stunning Photographs Of Volcano Eruptions Creating purple Skies

educateinspirechange.org/nature/stunning-photographs-of... ▼

The sulfuric gas from these eruptions reached the stratosphere, turning the skies in some parts of the world purple at sunset. The fine volcanic aerosols in the stratosphere caused blue light particles to scatter and when combined with a normal ...

Volcanic eruption may explain recent purple sunrises | CU Boulder To...

www.colorado.edu/today/2019/09/12/volcanic-eruption-may... ▼

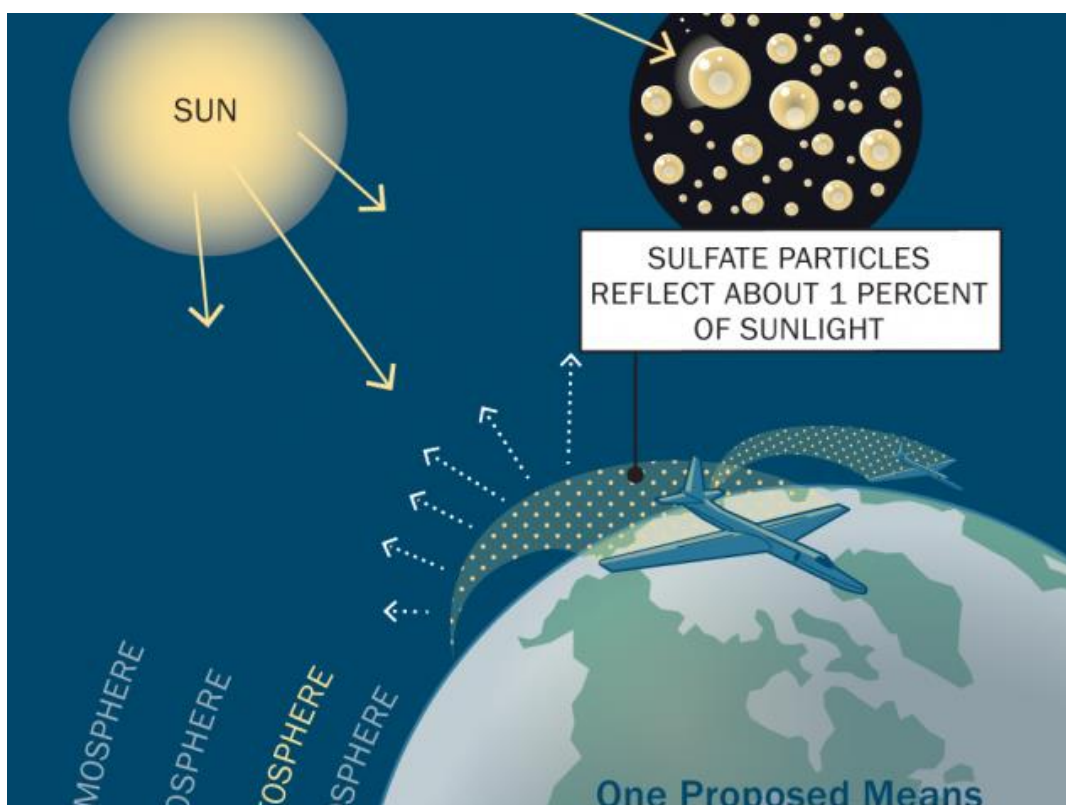
But the purple skies show that even seemingly-isolated volcanic eruptions can have global consequences. "A really big eruption would have a major impact on humanity, so it's something we need to be ready for," said Kalnajs, a research associate ...

Purple Colorado sky caused by Raikoke volcano eruption in Russia

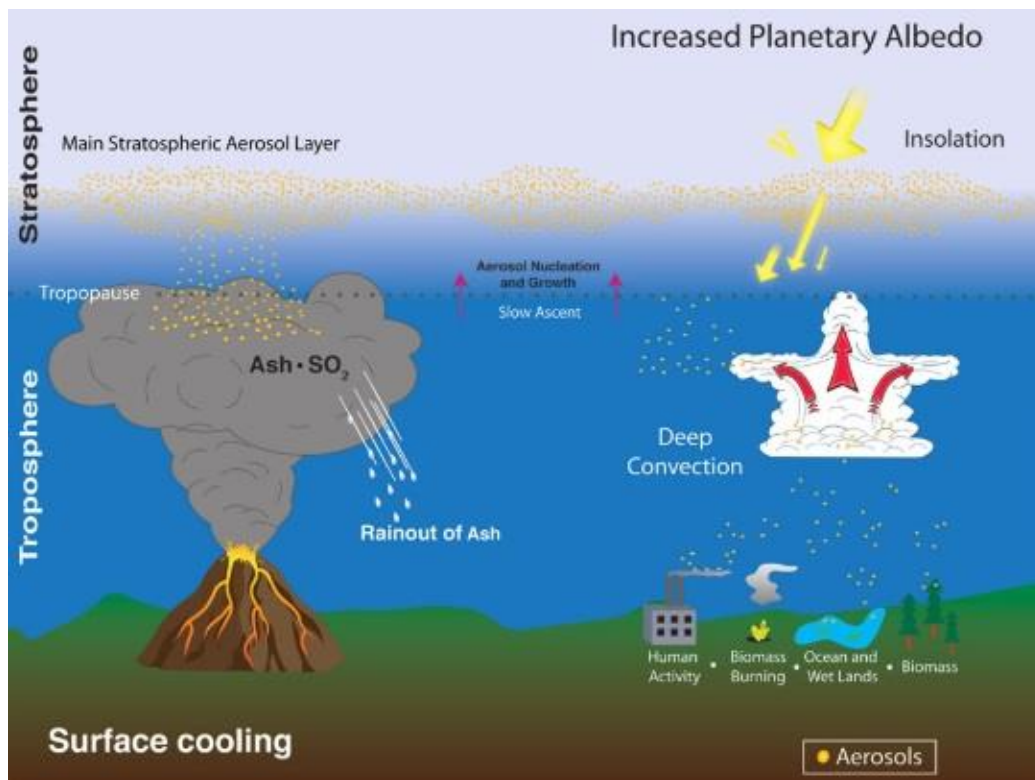
watchers.news/2019/09/15/purple-sky-colorado-raikoke-eruption ▼

Researchers from the University of Colorado Boulder revealed that the purple sky seen in the state was due to the eruption that occurred on Raikoke volcano in Russia, located 7 535 km (4 682 miles) away, on June 22, 2019. The team, composed of ...

Yet these "geoengineering plans" call for bombarding more particulate in the skies to reduce the amount of sunlight striking the planet's surface. What happens if we get a runaway effect, where there are more intense volcanic eruptions, while they are dimming the skies?



Surface cooling is already being experienced this year, due to volcanic activity. So adding another layer to that, dispersed by aircraft or balloon, is not helpful. That is an extinction level event.



The screenshot shows the Guardian website interface. At the top, there are navigation links for **home**, **UK**, **world**, **sport**, **football**, **comment**, **culture**, **economy**, **life**, **environment**, and **tech**. Below the navigation bar, the article title is **Bill Gates backs climate scientists lobbying for large-scale geoengineering**. A sub-headline reads: **Other wealthy individuals have also funded a series of reports into the future use of technologies to geoengineer the climate**. Below the headline, there are two bullet points:

- What is geo-engineering?
- Scientists criticise handling of geoengineering pilot project

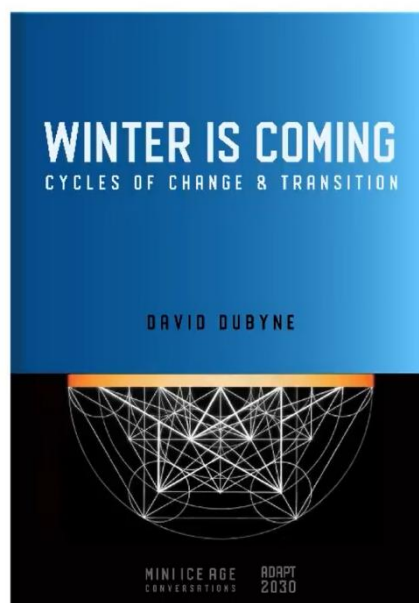
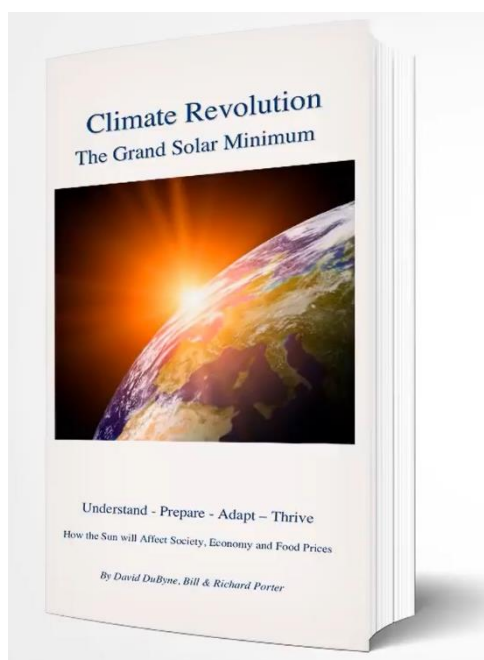
 On the right side of the article, there is a **Most popular** section with three items:

- 1. **Tories ally 'aggressively' defended by program to attract the world's elite**
- 2. **Max Davies: United will fight on 'Black Sea' - German's address - Crisis**
- 3. **Chiefs give last-minute permission to start first of Liverpool**

 A photograph of Bill Gates is visible on the left side of the article content.

So when Bill Gates backs climate scientists lobbying for large-scale geoengineering, I am just wondering if the plan is a purposeful famine to reduce global population.

These same issues are discussed in our new book, *Climate Revolution: The Grand Solar Minimum*. Included in this book are discussions on how cosmic rays and exciting silica rich magma chamber are causing more volcanic eruptions, based on the timelines from the past cycles.



Climate Revolution is a 'Must Read' for understanding our Sun driven climate as we progress deeper into the new Eddy Grand Solar Minimum. Weather extremes leading to Global food scarcity and high food prices are here now, and this book describes the expected changes, how to survive & thrive during future challenging times with practical preparations.

NEW ADAPT 2030 Climate Revolution

<https://payhip.com/b/3sVi/af5d15cc7ddd65e>

Thanks for reading, I hope you got something out of the article. If you like more content like this, I produce the tri-weekly Mini Ice Age Conversations podcast of a 30-minute in-depth analysis on the GSM you can take on the go through out your day.

It's Not CO2. It's Not You, It's the Sun - ADAPT 2030 Limited Edition Design, available in March ONLY! Wearing this shirt may trigger Al Gore.
<https://teespring.com/stores/adapt-2030>

*****Mini Ice Age Conversations Podcast*****

iTunes: <https://itunes.apple.com/us/podcast/a...>

Soundcloud: <https://soundcloud.com/adapt-2030>

Libsyn: <http://adapt2030.libsyn.com/>

MIAC #241 Can We Consciously Affect the Grand Solar Minimum Outcome?
<https://adapt2030.libsyn.com/miac-241...>

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<https://amzn.to/2Q8LqrV>

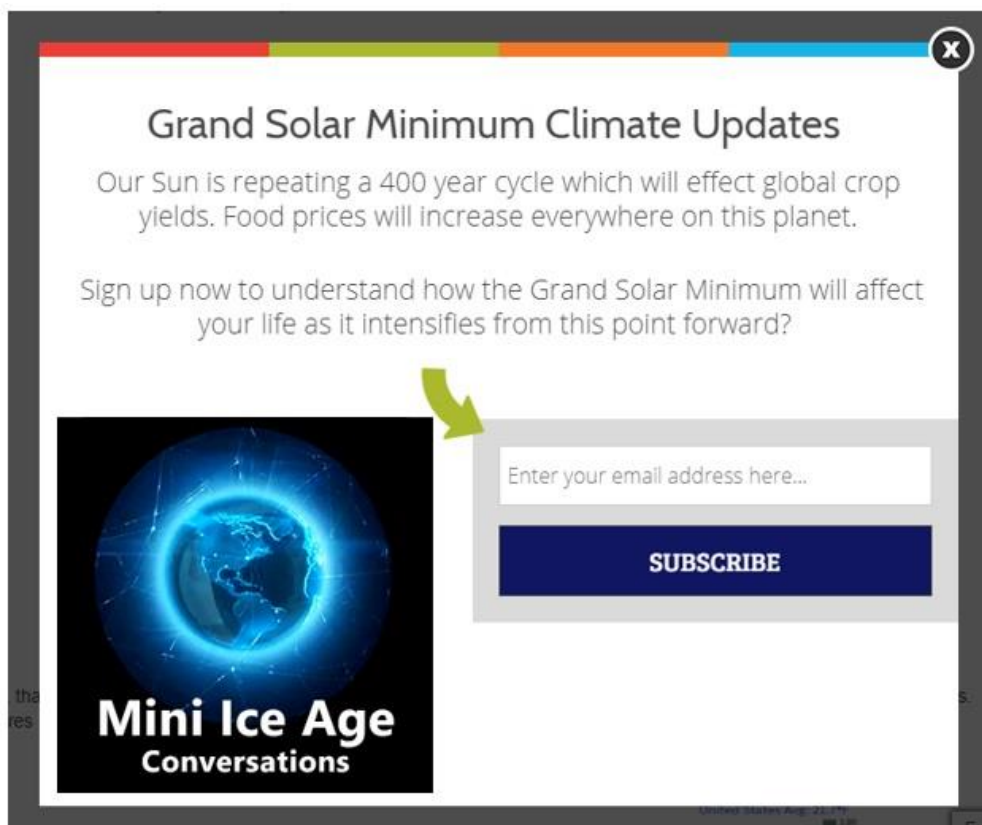
***** Members Only Climate Preparedness Channel *****

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ADAPT 2030 Subscribe Star www.subscribestar.com/adapt-2030

For the ADAPT 2030 Grand Solar Minimum newsletter jump over to Oilseedcrops.org where you can enter your email and sign up. Move your mouse around for about 10 seconds and this box will pop up.

Join ADAPT 2030 NEWSLETTER <http://www.oilseedcrops.org>



*****Today's Story Links*****

China to exempt US pork and soybeans from additional trade war duties

<https://www.scmp.com/economy/china-economy/article/3027163/china-exempt-us-pork-and-soybeans-additional-trade-war>

China goes over the moon for palm oil

businesstimes.com.sg/energy-commodities/china-goes-over-the-moon-for-palm-oil

Is the North Pole Turning to Water?

<http://www.john-daly.com/polar/arctic.htm>

Has the Ice in the Arctic Ever Melted Before?

<https://www.armstrongeconomics.com/world-news/climate/has-the-ice-ever-melted-before-in-history-in-the-arctic/>

Historic Variation in Arctic Ice

<https://wattsupwiththat.com/2009/06/20/historic-variation-in-arctic-ice/>

Why Are Sunsets Turning Purple?

<https://spaceweatherarchive.com/2019/08/27/why-are-sunsets-turning-purple/>

***** ADAPT 2030 Social Media Links *****

YOUTUBE [ADAPT 2030 Mini Ice Age 2015–2035 Series on YouTube](#)

BITCHUTE <https://www.bitchute.com/hashtag/adapt2030/>

BRIGHTTEON <https://www.brighteon.com/channel/adapt2030>

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