

Sea Level Manipulation

Nils-Axel Mörner: *Also sea level data were manipulated to achieve maximum horror scenario of a general flooding to come.*

On Sunday the 5th, the Mail had a benchmark article where Dr John Bates was allowed to present a remarkable documentation of the manipulation of NOAA's temperature measurements in order to provide the impression that global temperature is keeping on rising over the last decades [1]. This manipulated record was forced to appear in time for the COP21 decision in Paris 2015. The true temperature record provide an 18 year long temperature pause, despite the fact that global atmospheric CO₂ content has kept on rising. This sheds serious doubts on the core notion of the COP21 decision claiming the CO₂ is the cause of recent global warming.

David Ross, quite correctly, posed the core question [2]: How can we trust them?

I will add another case of manipulation referring to the core issue in horror scenarios claiming that sea level is a very rapidly rising mode, and that low-lying coasts and islands will soon be flooded.

In the period 2000-2005, I led an international sea level project in the Maldives. By observational facts collected along the shores of a large number of islands, we were able to demonstrate that, indeed, there is no flooding going on, rather the sea level has remained stable over the last 40 years.

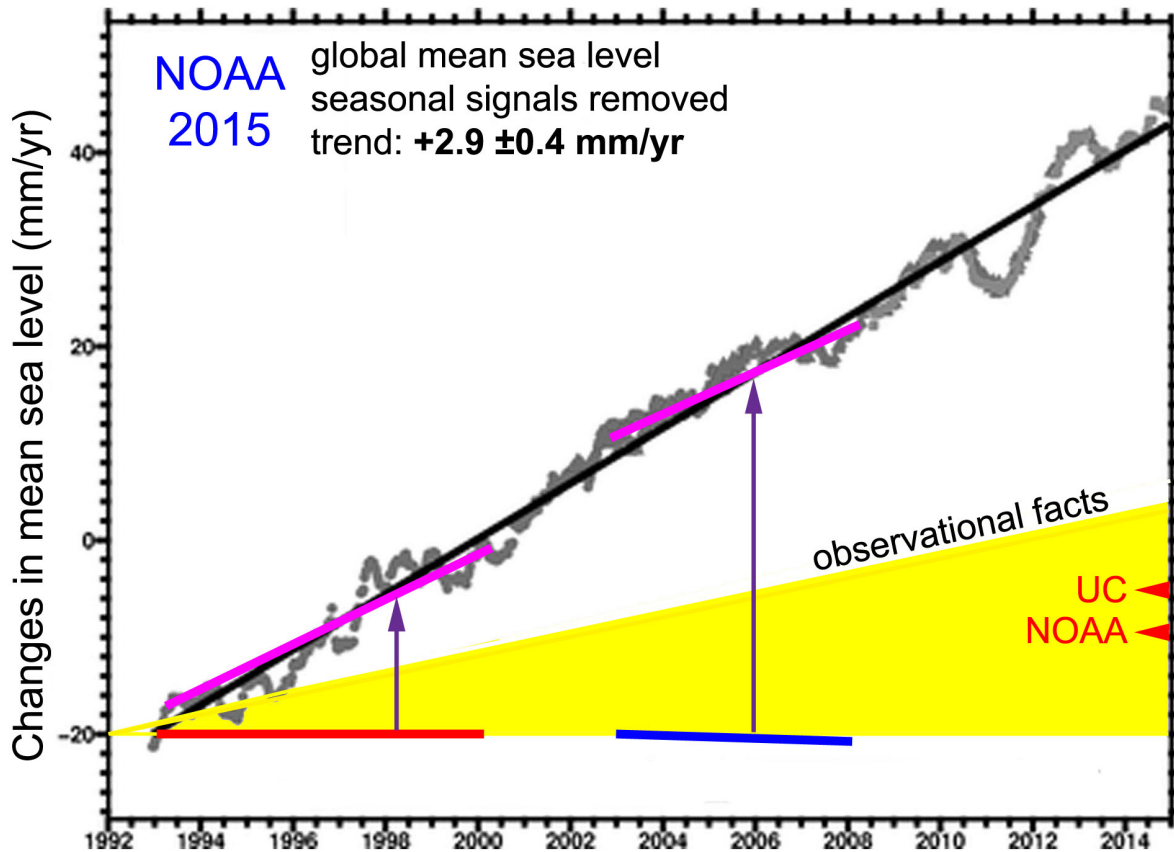
Therefore, in 2007, I wrote a booklet entitled "The Greatest Lie Ever Told" (besides a number of peer reviewed papers published in international scientific journals).

The same absence of any present sea level rise has now been documented also in Bangladesh, Goa in southern India, Qatar, Tuvalu, Vanuatu, Kiribati, French Guiana and Venice. In all those places (and their surroundings) sea level has remained virtually stable over the last 40-50 years [3, 4].

In Northwestern Europe with a very long history of recording local uplift and subsidence, we have quite consistent records of a mean rate of sea level rise over the last 125 years of 1.0 ± 0.1 mm/yr [4].

The NOAA satellite altimetry records of the last 24 years is said to give a rise of 2.9 ± 0.4 mm/yr. The record of University of Colorado (UC) gives a rise of 3.3 ± 0.4 mm/yr.

There is something strange in the satellite altimetry documentation, however (which I have tried to point the finger on in numerous papers and lectures of the last two decades). I will hereby return to this question. I illustrate the case by the figure attached, and I claim we here have an additional case of manipulation of measured data.



The rising oblique curve gives the satellite altimetry record of NOAA in 2015, providing a rising trend of 2.9 ± 0.4 mm/yr. The yellow field marks the field of observational facts. Both the original satellite altimetry record (red line) and the gravity record (blue line) were subjectively – this is the “manipulation” – lifted up to cope with the rising trend of the NOAA record.

Satellite altimetry measurements started in late 1992. The first record was published in early 2000. It gave variability around a flat zero line, marked with a red line in the figure. In 2003, the same record was tilted to a rise of 2.4 mm/yr, marked with an arrow and a pink line. At a discussion in Moscow Academy of Science in 2005, the British IPCC group said they “*had to do so, otherwise it would not be any trend*” [5], which was just what I accused them for.

The first GRACE gravity records gave a sea level lowering of 0.12 ± 0.06 mm/yr (blue line in the figure). This measured value was hypothetically “corrected” for global glacial isostasy so it fitted the satellite altimetry trend as marked by an arrow and a pink line.

Observational facts (as discussed above) lie within the yellow zone. When the NOAA and UC records are tilted back to original measurements (i.e. removing the so-called “corrections”), both records fall within the yellow zone, NOAA at 0.45 mm/yr and UC at 0.65 mm/yr (i.e. both together at 0.55 ± 0.1 mm/yr). And now the satellite altimetry records agree quite well with observational facts [6].

It implies that the satellite altimetry records have been significantly manipulated in order to document a strong rise in global sea level, which is one of the key issues the horror scenario of global warming.

How can we trust these people? And why should we trust them any longer?

It is here where CLEXIT comes in: the international organization claiming that we must leave the COP21 agreement (i.e. climate exit) because it is all based on wrong assumptions: CO₂ has little to negligible effects on climate, and sea level is by no means in a rapidly rising mode.

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- [1] <http://www.dailymail.co.uk/sciencetech/article-4192182/World-leaders-duped-manipulated-global-warming-data.html>
- [2] <http://www.dailymail.co.uk/debate/article-4216180/How-trust-global-warming-s>
- [3] Mörner, N.-A., 2017. Coastal morphology and sea-level changes in Goa, India, during the last 500 years. *Journal of Coastal Research*, in press.
- [4] Mörner, N.-A., 2016. Sea level changes as observed in nature. In: Easterbrook, D.J. (ed.), *Evidenced-Based Climate Science*, 2nd edition. Amsterdam: Elsevier, pp. 219–231.
- [5] Mörner, N.-A., 2011. The Maldives as a Measure of Sea Level and Sea Level Ethics. In: Easterbrook, D.J. (ed.), *Evidence-Based Climate Science*, Elsevier, Amsterdam, Chapter 7, pp. 197-209.
- [6] Mörner, N.-A., 2015. Glacial isostasy: Regional – not global. *International Journal of Geosciences*, 6, 577-592.