

Interactive comment on “Agnotology: learning from mistakes” by R. E. Benestad et al.

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Received and published: 4 July 2013

Rypdal wrote "This discussion is dominated by a clash between two factions of climate science which both adhere to pre-world war scientific paradigms. Both ignore well-established insights about the dynamics of complex natural systems originating from Kolmogorov's discovery of the importance of scaling laws in physics and brought to maturity by Mandelbrot."

On the contrary I know quite well Kolmogorov, Mandelbrot etc. I even wrote two books on the topic. Rypdal may check on Amazon.

The problem with Rypdal comment is that claiming that a physical system is "random" although a complex random signal is not a physical explanation of what is regulating climate system.

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The climate system presents clear fingerprints of astronomical oscillations. These fingerprints are complex but they can be recognized.

I invite Rypdal to study better the ocean tidal system and also the sun and my papers on the topic for the mechanisms I reference in my main comment.

About Benestad et al. paper, it is simply filled of philosophical, math and physical errors as I extensively demonstrated in my comment and also other people have commented. Here there is no "clash between two factions". Benestad et al. paper is just bad science.

Interactive comment on Earth Syst. Dynam. Discuss., 4, 451, 2013.

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