

Interactive comment on “Methane release from gas hydrate systems during the Paleocene-Eocene thermal maximum and other past hyperthermal events: setting appropriate parameters for discussion” by G. R. Dickens

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Received and published: 2 June 2011

I'm not ready yet to rule out a persistent terrestrial Corg reservoir, the likes of which are hard to imagine. As my advisor Bob Garrels always said, when you feel like saying "I find it hard to imagine", imagine harder!

Thinking back to Garrels and Mackenzie, Bryan Gregor, and Jan Veizer, among others, and their work on sedimentary recycling lifetimes, terrestrial deposits have the shortest e-folding time (average lifetimes); thus, no, I don't think it is unreasonable to

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assume that 90-99% of the terrestrial carbon stored during the Late Paleocene was subsequently destroyed.

Interactive comment on Clim. Past Discuss., 7, 1139, 2011.

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