

Interactive comment on “Information content of incubation experiments for inverse estimation of pools sizes in the Rothamsted carbon model: a Bayesian approach” by B. Scharnagl et al.

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Thanks for this nice study. It corroborates expectations.

How about another idea of a slight extension of the study. It would be interesting to infer and discuss the uncertainty of predictions of soil carbon stocks for the next 10,50 and 100 years that result from the uncertainty in the posterior of initial states. Is it possible to include results on posterior predictive distributions in the manuscript? One could apply model drivers from past years.

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