Geoscientific
Model Development
Discussions

Interactive comment on "A simplified permafrost-carbon model for long-term climate studies with the CLIMBER-2 coupled earth system model" *by* K. A. Crichton et al.

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Following the comment from Dan Lunt on manuscript requirements, the relevant coded routines have been added as supplementary material.

These are:

Perma_loc - to determine permafrost fraction in a grid cell from frost index as developed in this study.

CCDYN - calculates dynamics of carbon in each pool per PFT, and includes the "re-mixing" model for permafrost-carbon developed in this study.

C1414

The version of CLIMBER-2 used, in which permafrost-carbon has been added, is that from Bouttes et al 2012 doi:10.5194/cp-8-149-2012. No extra version number is available.

Please also note the supplement to this comment:
http://www.geosci-model-dev-discuss.net/7/C1414/2014/gmdd-7-C1414-2014-supplement.pdf

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