

Technical correction to manuscript ” **Implementation of methane cycling for deep time, global warming simulations with the DCESS Earth System Model (Version 1.2)**”

In response to the suggestion by the Topical Editor, we made an included a new schematical figure (new Figure 10) that illustrates differences in pathways and feedbacks for methane input to the atmosphere versus methane input to the ocean. A short text referring to the new figure has been added to the end of the next-to-last paragraph in Section 4.3 of the paper and reads “.....The flow diagram presented in Fig. 10 serves to compare and contrast the pathways and feedbacks associated with 1) methane input to the ocean only and 2) methane input to the atmosphere only. These are the cases plotted as blue and maroon lines, respectively, in Fig. 9.”