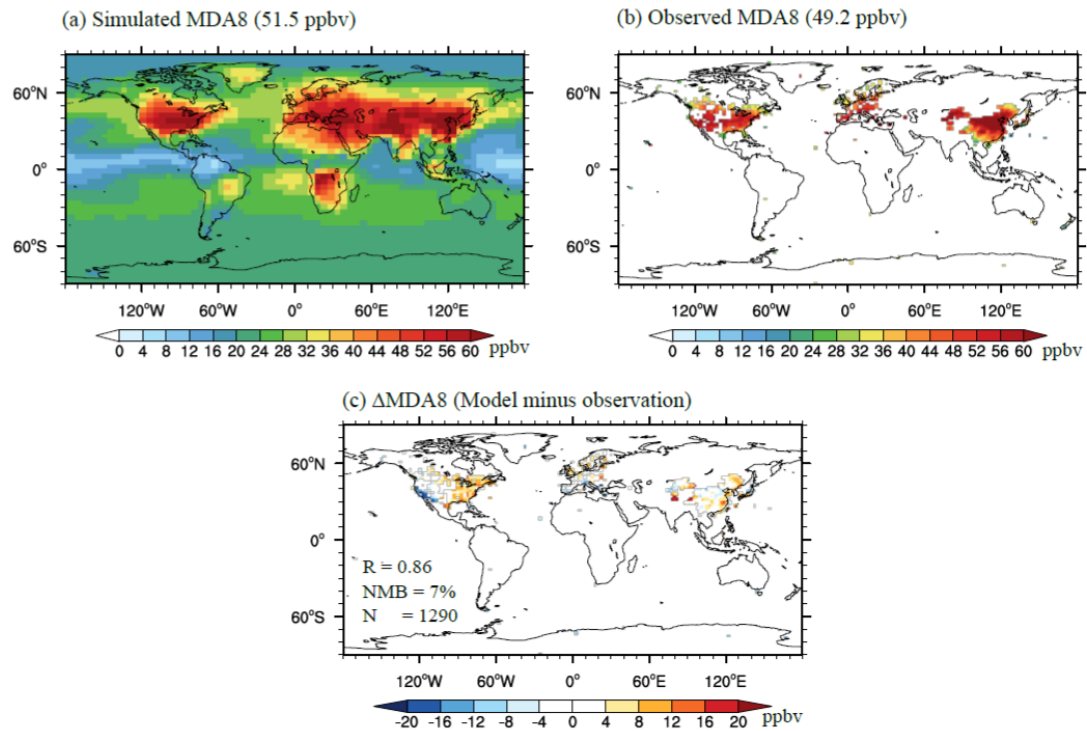


1 **Implementation of Yale Interactive terrestrial Biosphere model into**
2 **GEOS-Chem 12.0.0: a tool for biosphere-chemistry interactions**

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4 **Supplementary Information**

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7 **Figure S1** Summertime mean surface O_3 concentrations from (a) simulations, (b)
8 observations, and (c) their differences averaged for period of 2010-2012. Global area-
9 weighted surface O_3 concentrations over grids with available observations are shown
10 on the title brackets. The correlation coefficient (R), global normalized mean biases
11 (NMB), and grid numbers (N) with observations are shown in the bottom figure.

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