Nonlinear Processes
in Geophysics

Open Access

Corrigendum to "Nonlinear dynamics approach to the predictability of the Cane–Zebiak coupled ocean–atmosphere model" published in Nonlin. Processes Geophys., 21, 155–163, 2014

L. Siqueira and B. Kirtman

Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, USA

Correspondence to: L. Siqueira (lsiqueira@rsmas.miami.edu)

In the recently published paper "Nonlinear dynamics approach to the predictability of the Cane–Zebiak coupled ocean–atmosphere model" by L. Siqueira and B. Kirtman, the word "equations" was wrongly replaced by "aligns" in the below-mentioned sentences.

The correct sentence of Sect. 1 should read as follows:

"Boffetta et al. (1998a) illustrated this new concept by studying two coupled sets of nonlinear Lorenz (1963) equations: one characterized by a slow and the other one characterized by a fast timescale."

The correct sentences of Sect. 2 should read as follows:

"This is an anomaly coupled model: the governing equations represent oceanic and atmospheric perturbations about the mean climatological state, with monthly climatology prescribed from observation. The nonlinearity enters through the thermodynamic energy equation for the ocean, and the model does not contain the high-frequency internal variability in the atmosphere since it considers a steady-state atmosphere."

"The chaotic dynamics of the model is due to the fact that the SST equation and the atmospheric heating are nonlinear."

The correct sentence of Sect. 4 should read as follows:

"It is worth noting that the ocean component of this model is essentially made of two prognostic equations: one for the mixed layer thermodynamics equation for SST, a thermocline depth equation for upper ocean dynamics, along with SST–gradient-wind relation, and the wind–equatorial-upwelling relation."