

Interactive comment on “Toward a practical approach for ergodicity analysis” by H. Wang et al.

N. Suciú (Referee)

suciú@math.fau.de

Received and published: 21 October 2015

The discussion paper "Toward a practical approach for ergodicity analysis" by Wang et al. published in NPGD investigates the possibility that some precipitation time series behave as ergodic processes. During an informal exchange of views on this possibility with the second author, Cheng Wang, I did some comments on an earlier version of the paper one year ago (sent by e-mail on 09.10.2014). My comments focused on three issues: the definition of ergodicity, the methodology used to investigate whether this property holds for the time series investigated in the paper, and the interpretation of the results. After reading the paper, as well as a couple of articles listed in the bibliography, I shall try to present in the following a more complete formulation of these issues and my own view on a possible interpretation of the results.

Please also note the supplement to this comment:

C494

<http://www.nonlin-processes-geophys-discuss.net/2/C494/2015/npgd-2-C494-2015-supplement.pdf>

Interactive comment on Nonlin. Processes Geophys. Discuss., 2, 1425, 2015.