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## ***Interactive comment on “Review: visual analytics of climate networks” by T. Nocke et al.***

### **Anonymous Referee #1**

Received and published: 25 May 2015

The submitted review article is on complex network approaches in the context of climate networks. The existing static methods are well summarized. But, I have two additional comments. The first additional comment is on the history on how the complex network approaches have been introduced in the context of climate networks. New researchers in climate will get benefits if they can understand how the ideas of complex networks were introduced to climate research, and they can hopefully find what have not been done yet. The second additional comment is on the conclusion. I strongly agree that the time-dependent approach is necessary to understand climate networks more deeply. Therefore, it would be great if the authors could summarize what methods exist in the literature of complex networks that can characterize temporal evolution of complex networks but have not been applied to climate datasets yet, for example, ones in Iwayama et al., Sci. Rep. 2, 423 (2012). By introducing this kind of the existing literature to the field of climate networks, the future research in this

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field will be accelerated to a great extent so that readers may gain, in the future, new insights into time-dependent nature of climate networks. By taking into account these two additional comments, the authors will be able to attract more potential readers to this review article.

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Interactive comment on Nonlin. Processes Geophys. Discuss., 2, 709, 2015.

**NPGD**

2, C161–C162, 2015

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