

LIST OF THE MAIN CHANGES IN MANUSCRIPT

Article title: **“Changes” of the thermal continentality in Central Europe between the years 1951 – 2013. Case study – Slovak Republic**

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Dear reviewers and dear editor

In following sentences we describe the main changes done in revised manuscript compare to the first version submitted on April 02. 2015. Because changes made in the manuscript are significant (total reconstruction), we highlighted only substantial changes. However, all the referee’s comments were incorporated as wrote in our replies on this comments (comments uploaded on November 25. and 26. 2015.

Thank you very much for your valuable comments and suggestions and for time spent with our manuscript.

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The title

- We decided to change the article title from: **““Changes” of the thermal continentality in Central Europe between the years 1951 – 2013. Case study – Slovak Republic”** to: **Thermal continentality and its changes in Slovakia in the period 1961 – 2013**

Introduction

- All the reviewers commented that missing aim and motivation to the study has not been highlighted. Therefore whole introduction has been reconstructed

Material a methods

- Incorporated detailed description of the meteorological stations used in the study as well as figure depicting location of the stations and study area.
- Main comments from reviewers went to lack of thermal continentality indices used in the study. Therefore we incorporated another four indices (Gorcziński, Conrad’s, Ivanov and Khromov index).
- Detailed climatic characteristics and annual cycle of the temperature on the stations used in the study have been incorporated

Results

- Results have been structured in to three sections in order to provide detailed and logical outputs (**Changes of the temperature conditions in the period 1961 – 2013, Characteristics of the thermal continentality in the period 1961 – 2013, Changes of the thermal continentality in Slovakia between the years 1961 – 2013**)

Discussion and conclusion

- we expanded our conclusions resulting from incorporation of new indices and findings

Thank you