

Interactive comment on
**“Intensity-Duration-Frequency and spatial
analysis of droughts using the Standardized
Precipitation Index” by M. Mohseni Saravi et al.**

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Dear Dr. Toth, The authors would like to thank for useful comments and suggestions of the anonymous reviewers which helped us to improve the quality of the manuscript. All comments were considered and included in the text. The revised manuscript will be uploaded soon and the followings are our responses to the valuable comments of the reviewer No. 2:

Abstract: - The term “relationships” was replaced by "curves" as requested.

1. Introduction: -The references were checked and compared with the text to include all citation in the reference list and vice versa. -The objective of study was revised to
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better demonstrate the work.

2. Materials and Methods: -This section was revised.

2.3. The corrections were applied in the manuscript and the Mean Relative Deviation test was discussed.

2.4. The authors would like to remind that the focus of the research was on drought condition based on the studied index. Obviously the comprehensive study of drought impacts needs more detailed works to find out the effect of reduced precipitation on water resources, vegetation cover, etc. which are beyond the focus of this work as mentioned in the revised introduction.

3.1 Historical analysis of droughts: The revisions were done and Table 2 was completed as requested.

4. Discussion and conclusions: - Details related to the drought event of 1999 were added to section 2.1 as requested. - Other cases mentioned by the reviewer were corrected.

Technical correction: -All suggestions in this section were revised.

Thank you so much for all you have done on the manuscript.

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