February 24, 2021

Dear Associate Editor/Editor,

We are submitting a revised version of the manuscript entitled “**An Index for Quantifying Geometric Point Disorder in Geospatial Applications**”.

The manuscript describes a novel metric, the Index of Disorder (IoD), and an associated algorithm for quantifying the geometric disorder present in geospatial point datasets. This study applies the algorithm to synthetic and natural data to evaluate its ability to differentiate ordered and disordered points. We have found that the IoD can indeed distinguish between ordered and disordered points, and furthermore that the IoD has potential applications in forestry and urban planning among other fields.

We have carefully addressed all of the reviewers’ suggestions and have prepared a Word document with track-changes to facilitate identification of alterations of our previous revision of the manuscript. A document detailing our responses to reviewer comments is provided as well.

We feel that these changes have further improved the overall quality of this manuscript and we sincerely appreciate the opportunity provided to us to revise this manuscript once more. We are looking forward to your favorable response.

Sincerely,



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

R. Sky Jones

Department of Geosciences

Middle Tennessee State University

rj3h@mtmail.mtsu.edu and 919-621-9137