

February 16<sup>th</sup>, 2023

To: *Natural Hazards and Earth System Sciences*

Dear Editor,

We appreciate the constructive comments provided by you and the two reviewers and have revised our manuscript, egosphere-2022-595, entitled, “**Earthquake forecasting model for Albania: the area source model and the smoothing model**” accordingly. Below, we detailed the revision of the manuscript. All the changes are marked with underlines in the revised manuscript.

We hope the present version of the manuscript fits the standards of the journal and is now suitable for publication.

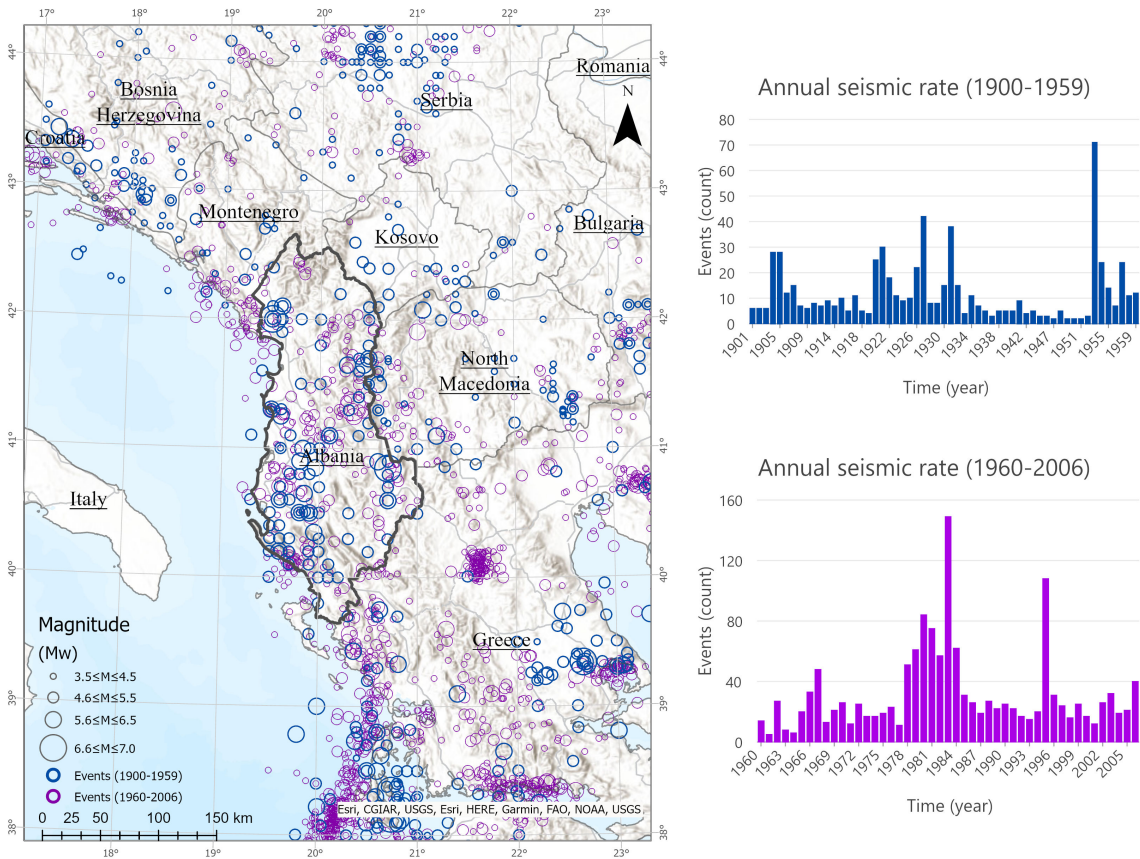
Sincerely yours,

Handwritten signature in Chinese characters: 詹忠翰

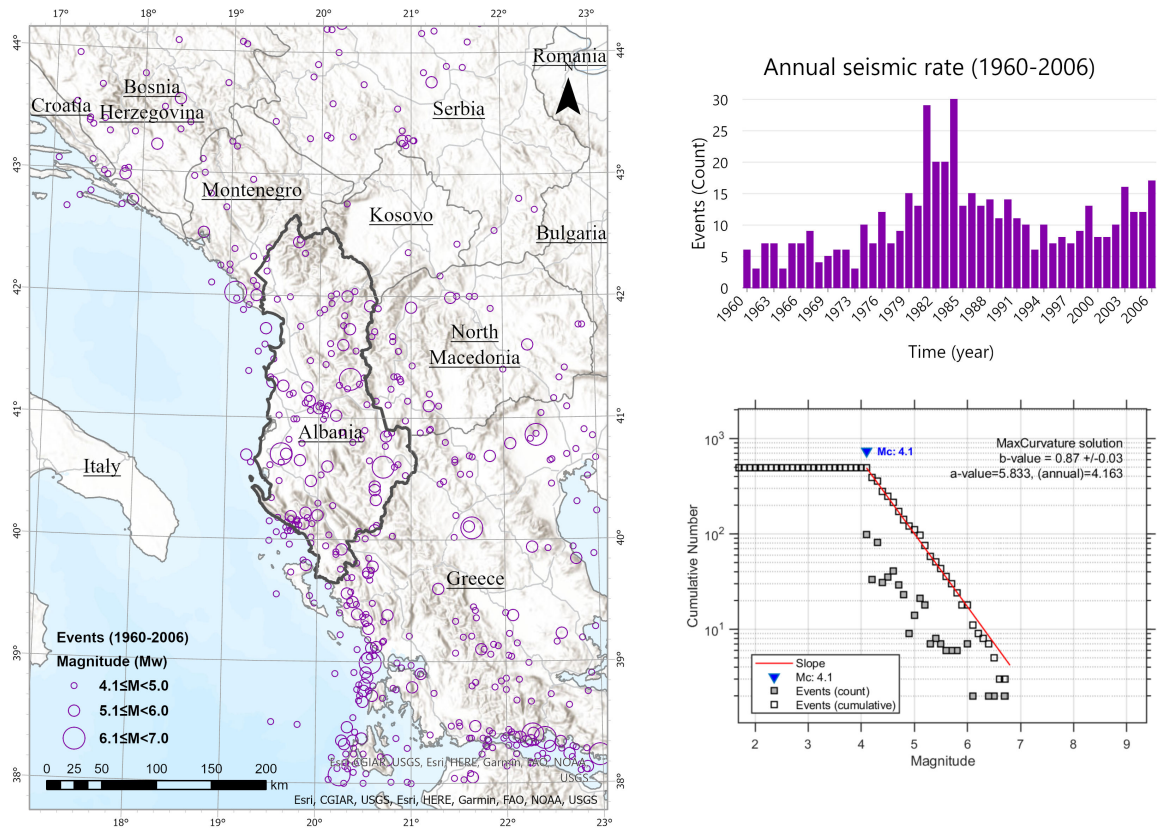
Chung-Han Chan, PhD.

Under the major revision scope, we revised all the graphic (maps and plots) of this manuscript. The maps are product of data analysis in ArcGIS Pro (Esri, n.d.), we highlighted the source on our maps as previously the information may have been difficult to read (bottom right).

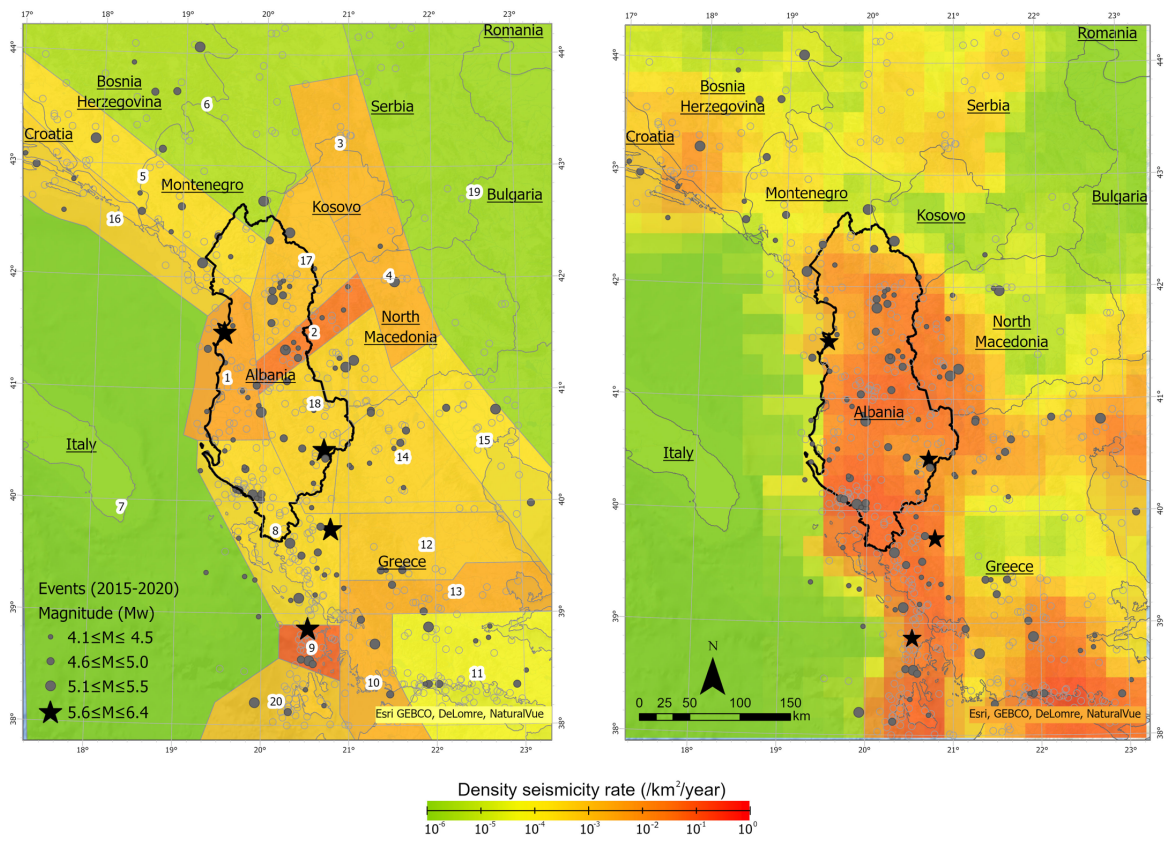
- 1) Figure 1: Update of the map for a better visualization of the background map source (Esri, CGIAR, USGS, Esri, HERE, Garmin, FAO, NOAA, USGS), as provided in ArcGIS Pro software automatically.



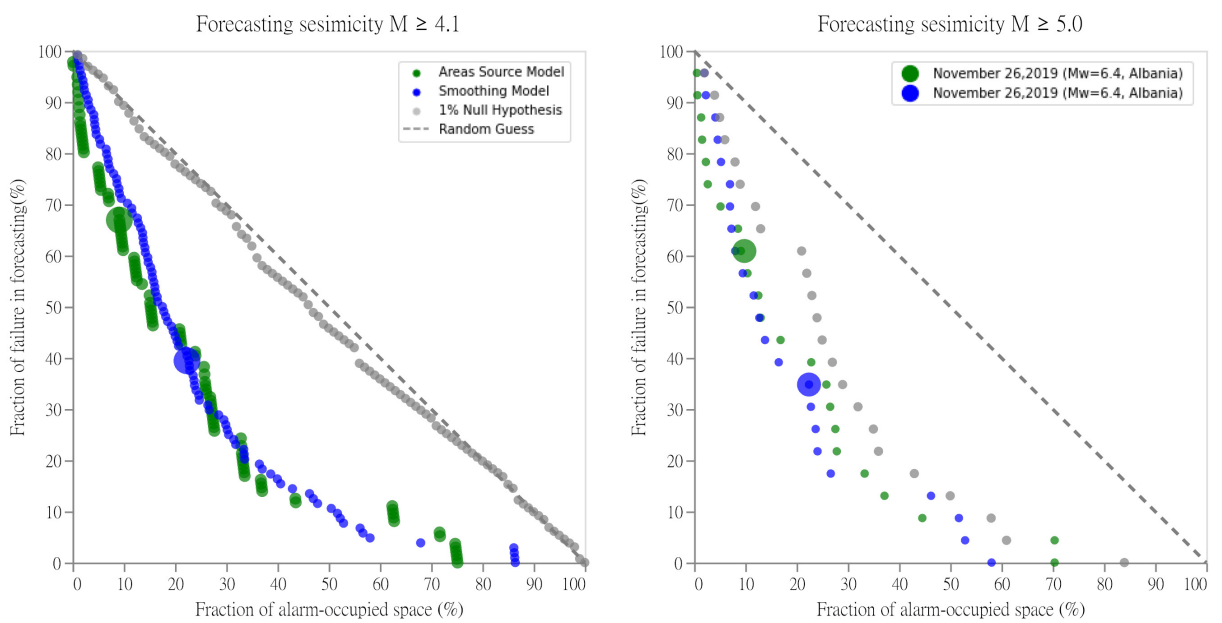
2) Figure 2: Update of the map for a better visualization of the background map source (Esri, CGIAR, USGS, Esri, HERE, Garmin, FAO, NOAA, USGS), as provided in ArcGIS Pro software automatically.



3) Figure 3: Update of the map for a better visualization of the background map source (Esri, GEBCO, DeLomre, NaturalVue), as provided in ArcGIS Pro software automatically.



4) Figure 5: Update of the plots for a better visualization on the understanding of data for two models.



Reference:

Esri. (n.d.). *2D, 3D & 4D GIS Mapping Software | ArcGIS Pro*. Retrieved February 9, 2023, from <https://www.esri.com/en-us/arcgis/products/arcgis-pro/overview>

