

Response to Technical Corrections Request for Manuscript Submission

Dear editors and reviewers thank you very much for your valuable comments on our work, which have been very helpful in improving and enhancing our research. We appreciate the constructive feedback and understand the importance of ensuring our maps and charts are accessible to all readers, including those with color vision deficiencies. Following your suggestion, we have utilized the Coblis – Color Blindness Simulator to review our figures. We have revised the color schemes in our maps and charts to enhance readability and ensure accurate interpretation by readers with various forms of color vision deficiencies. These modifications have been made with careful consideration to maintain the integrity and clarity of the data presented. We believe these changes will make our findings more inclusive and accessible to a broader audience.

The revised figures, along with a brief description of the changes made, have been included in the updated manuscript. We hope that these adjustments meet the technical requirements for final publication. A detailed line-by-line response is provided below.

1. The title of Figure 1 has been updated to include “topography based on the digital elevation model (DEM),” and Figure 1(b) has been revised in colormap and colorbar range to illustrate the spatial distribution of fire spots in the PSEA region in March 2019.
2. Figure 3 has been modified in the colorbar range to highlight the data features.
3. Figures 6(a) and (b) have been altered in colormap, with (b) specifically revised in the colorbar range to both display data features and aid visually impaired readers in smooth reading.
4. Figures 10(a) and (b) have undergone changes in colormap, especially (b), which has an adjusted colorbar range to display data features and facilitate reading for visually impaired readers.
5. Figure 13 has been updated in both colormap and colorbar range, aiming to display data features and assist visually impaired readers.
6. Figure 14 has undergone modifications in the shape of the bar graph to enhance readability for visually impaired readers.
7. Figure S1 has been revised, with water bodies colored blue.
8. The red font in Tables S1 and S4 has been changed to black.