

In this study, the authors developed a tool for the creation of inventories, which are of great importance in earth sciences and disaster studies in case from Turkey. On the other hand, they quickly created the locations of the created inventories and made them ready for use. This topic has a very important issue in disaster mitigation and modelling like machine learning techniques, especially for countries that do not have local data and have a very small piece in global data. I have read the article several times and I can say that its structure is well constructed and well written. However, I can say that there are a few minor points. I, therefore, recommend that the article be accepted after the following minor points have been dealt with.

#### Major Comments:

1) Here I would recommend that you give more emphasis to the generalization of the results of the study for use worldwide, especially in economically underdeveloped countries.

#### Minor Comments:

1) Figure 1 Raw News should be replaced with Unrefined News to be consistent with Table 2.

2) It would be better if you consider changing “Natural Hazard Inventory” to “Geohazard Inventory” since you use the “geohazard” in the manuscript.

3) The reason why NMF has been chosen might be added to the modeling section.

4) Open Street Map should be emphasized in the Geolocator section since you use the Nominatim tool.

5) It's up to the authors but consider replacing “online gazettes” with “newspaper” since you use mostly “newspaper” to keep your manuscript consistent.

6) To demonstrate how the coherence score is regarded as an uncertainty indication, consider including a supporting sentence.

7) Consider changing the “research” with literature in this sentence “On the one hand, to enhance the reliability of our study, we incorporated a ground truth evaluation step, a manual verification method utilized in related research (Madruga de Brito et al., 2025; Stein et al., 2024)”

8) An explanation might be added to Figure 3 caption to clarify why the years vary in the X-axes of the plots.

9) “Yangın” (fire) and “orman” (forest) are the two most commonly (3.28% and 2.59%, respectively) used terms about wildfires.” The details within the parenthesis should be added to the end of the sentence.

10) Can you better explain with a supportive sentence how you distinguished the urban fires?