

GeoCSV Proposal Review

On February 9, 2022 the review team (Chin-Jen Lin, Adam Ringler, and Joachim Wassermann) discussed the GeoCSV proposal over Zoom. The meeting was also attended by Tim Ahern, where he clarified a number of questions the review team had.

The review team found the GeoCSV to be a good approach to temporary metadata that had a temporal dependence to it. One of the few shortcomings in the Standard for the Exchange of Earthquake Data (SEED) format is that it is unable to deal with a large number of metadata changes. GeoCSV seems like a good compromise to deal with cases where the metadata will have many changes, making epochal boundaries in SEED difficult to deal with.

The example spreadsheet provided something that seems easy to populate. We also think this being an interim step for the more complete solution of being included in StationXML is valuable. However, we propose that the WGII team should evaluate the pros and cons of other formats differing from CSV for easier and possibly automatic integration into stationXML (e.g., JSON or YAML) by keeping the format simple and human readable.

Given our findings the review team approves the GeoCSV proposal and sees no reason to not go ahead on the implementation.

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