

Quarterly Report – Public Page

Date of Report: *1st Quarterly Report - Dec 31, 2023*

Contract Number: *693JK32310007POTA*

Prepared for: *DOT-PHMSA*

Project Title: *An Integrated Knowledge Graph Model for Geohazard Monitoring Data*

Prepared by: *University of Wyoming*

Contact Information: *Dr. Minou Rabiei, mrabiei@uwyo.edu*

For quarterly period ending: *December 31, 2023*

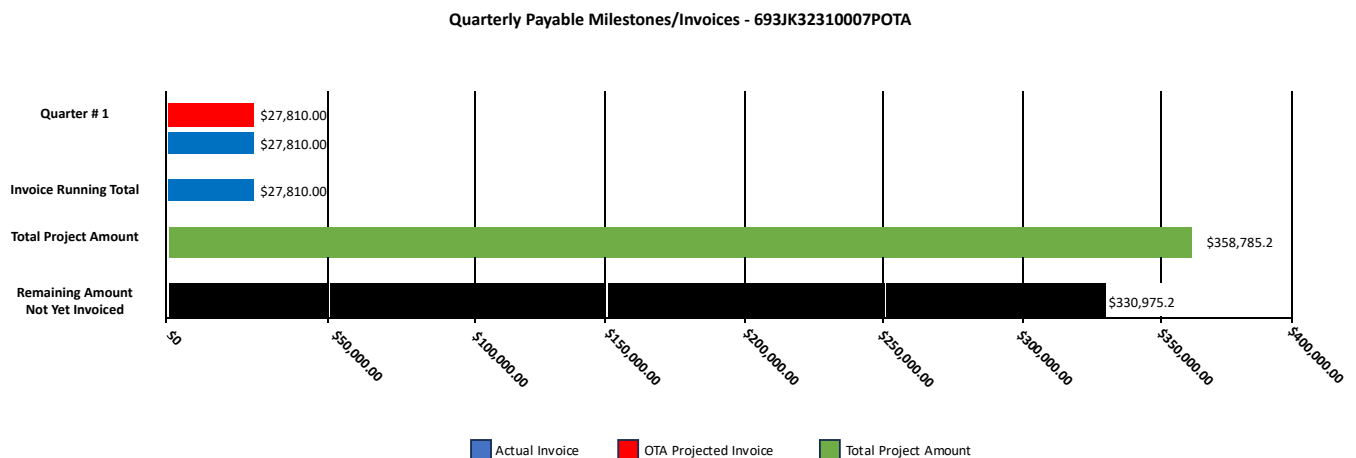
1: Items Completed During this Quarterly Period:

- Researched, summarized, and documented available sources of geohazard monitoring data.
- Worked with industry collaborators to identify and examine the data sources to be shared with the project team.
- Contacted potential stakeholders and identified technical and academic members to serve on TAP.

2: Items Not-Completed During this Quarterly Period:

The project is on time.

3: Project Financial Tracking During this Quarterly Period:



4: Project Technical Status

Item 1, Task 2: Research, summarize, and document available sources of geohazard monitoring data - *List of identified data sources including structured and unstructured digital and textual data.*

- Comprehensive research was conducted to explore and investigate publicly available sources of geohazard data, and several sources were identified and reported in the internal quarterly report.

Item 2, Task 2: Work with industry collaborators to identify and examine the data sources that they will share with the project team - *List of identified data sources from the industry collaborators including structured and unstructured digital and textual data.*

- The initial sources of data that our industry partners will share with us were identified and reported in the internal quarterly report.

Item 3, Task 1: Contact potential stakeholders and invite members to serve on the Technical Advisory Panel (TAP).

- List of the confirmed TAP members was reported in the internal quarterly report.

Item 4, Task 1: 1st Quarterly Status Report – *Submit 1st quarterly report.*

- The Internal and Public Quarterly Report submitted at the end of 1st quarter.

Other Items, Task 1: Identify Graduate Student to Work on the Project

- A graduate student is assigned to work on this project, and she has started her research work on literature review and learning about geohazards and knowledge graphs.

Other Items, Task 1: Project kick-off meeting

The project kick-off meeting was held on Dec 13 with all technical and one academic TAP member. The PI of the project provided an overview of the project scope and objectives, anticipated tasks, and planned activities for the first and second quarter. Presentation slides were submitted to the AOR after the meeting.

5: Project Schedule

The project is on time.