

Geocoding Locations of Historic Reclamation Research Sites using Google Earth¹

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Abstract: The American Society of Mining and Reclamation (ASMR) has been publishing conference proceedings and journal articles on land reclamation and the protection of soil and water resources. Much of the technical work presented in the ASMR conferences and journals contain specific mining sites or localities that are associated with geographic locations. However, the geographic contexts of these articles were often not directly available or geotagged. This deficiency affects the abilities of related professionals to explore the technical reclamation knowledge in terms of its geographic background. Therefore, it is critical to develop quality-assured geographic reference to the papers published by the ASMR. This study used Google Earth and ArcGIS software to create a series of placemarks that link past ASMR technical articles to the actual locations. These placemarks can be freely distributed and integrated into the website for web map display.

Additional Key Words: ASMR; geotagging; ArcGIS; placemark

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