Preserving Reclamation Research by Geocoding American Society of Mining and Reclamation Proceedings

Kari Lagan, Lily Currie, Ashley Rovder, Staci Wolfe, Zach Shoff, David Madl, Stefan Long, William Strosnider, and Peter Smyntek

Abstract: The Saint Francis University Center for Watershed Research & Service geocoded the American Society of Mining and Reclamation conference proceedings from 2011 to 2012 as well as the articles in the Journal of The American Society of Mining and Reclamation from 2011 to 2016. This project was undertaken in the context of our Research-Learning structure. Small teams of undergraduate students overseen by professor and postdoc mentors executed the work. Google Earth and Earth Point were applied to allow broader analysis options. Trends have been noted between meeting location and the location of research projects. Aside from that, an easily accessible database has been created that should allow for easy location of the sites of past research, perhaps opening the door for sites to be revisited for follow-on research topics such as long term successional or passive treatment performance studies. This research is a continuation of the same project presented at the 2017 American Society of Mining and Reclamation conference, which included the geocoding of proceedings from 1998 to 2007.

Additional Key Words: geolocation

1. Poster paper presented at the 2018 National Meeting of the American Society of Mining and Reclamation, St. Louis, MO: The Gateway to Land Reclamation, June 3 - 7, 2018. Published by ASMR; 1305 Weathervane Dr., Champaign, IL 61821.
2. Kari Lagan, Lily Currie, Ashley Rovder, Staci Wolfe, Stefan Long, and David Madl, Undergraduate Environmental Engineering Students, Saint Francis University, Loretto, PA. William Strosnider, Faculty, Saint Francis University Engineering Department, Center for Watershed Research & Service. Loretto, PA. Zach Shoff, Undergraduate Student, Saint Vincent College, Latrobe, PA. Peter Smyntek, Faculty, Saint Vincent College, Latrobe, PA.