

Sarah E. Doyle – Publications and Presentations

- Doyle, S.,** and L. Figueroa. 2022. Removal of Molybdenum from Mining-Impacted Water by Sorption onto Manganese-rich Sludge. *Mine Water and the Environment*, vol. 41, pp. 721–730. <https://doi.org/10.1007/s10230-022-00893-4>.
- Doyle, S.** 2022. Role of Manganese in Cycling Metals in Mining-Impacted Environments. Doctoral dissertation, Colorado School of Mines, Golden, CO.
- Doyle, S.,** L. Figueroa, and D. Heinze. 2021. Reclamation Considerations for a Historical Waste Rock Pile with High Metals Content. The Society for Mining, Metallurgy & Exploration 2021 Annual Conference, online.
- Doyle, S.,** and L. Figueroa. 2019. Factors Affecting the Electrochemical Recovery of Metals from Mining-Impacted Waters. The Society for Mining, Metallurgy & Exploration 2019 Annual Conference, Denver, CO.
- Raghav, M., and **S. Doyle**. 2019. Best Practices in Acid Rock Drainage (ARD) Characterization and Management for Reduction of Long-Term Environmental Risks and Liabilities. The Society for Mining, Metallurgy & Exploration 2019 Annual Conference, Denver, CO.
- Raghav, M., and **S. Doyle**. 2018. Best Practices and Ongoing Challenges for Characterization of Acid Rock Drainage Potential at Mine Sites. Resources for Future Generations Conference, Vancouver, 20 June.
- Doyle, S.,** A. Nicholson, and S. Helgen. 2016. The Effect of Site Conditions on Scaling Factors Calculated from Sulfide Oxidation Rates. The Society for Mining, Metallurgy & Exploration 2016 Annual Conference, Phoenix, AZ.
- Doyle, S.,** C. Conrad, C. Kelley, S. Lange, R. Frechette, and H. Kempton. 2014. Approach for Estimating a Probable Range of Pit Lake Concentrations for Mine Pits with Sulfide Wall Rock. National Conference on Mining-Influenced Waters, Albuquerque, NM.
- Gillow, J., A. Griffin, L. Christoffersen, M. Gentile, **S. Doyle**, M. Hay, C. Divine, and P. DeDycker. 2013. Groundwater and Surface Water Strategies for Uranium: Selecting the Right In-Situ Approach. The Society for Mining, Metallurgy & Exploration 2013 Annual Conference, Denver, CO.
- Wickham, M., K. Greaser, **S. Doyle**, G. Gjerapic, and G. Jay. 2008. Development of Predictive Soil-Atmosphere Models for Test Plots at the Questa Mine, New Mexico. GeoCongress 2008: Geotechnics of Waste Management and Remediation, New Orleans.
- Doyle, S.,** J. McCray, G. Thyne, and K. Lowe. 2005. Phosphorus Transport at a Wastewater Infiltration Site; Mines Park, CO, Abstract H31F-1360. American Geophysical Union Fall Meeting, San Francisco.
- Doyle, S.,** J. McCray, K. Lowe, and G. Thyne. 2005. Modeling Phosphorus Reaction and Transport at an Experimental Onsite Wastewater Site. National Onsite Wastewater Recycling Association Annual Meeting, Cleveland, OH.
- Doyle, S.,** J. McCray, and K. Lowe. 2004. Phosphorus Sorption Characterization at a Wastewater Infiltration Site; Mines Park, CO. Geological Society of America Annual Meeting, Denver, CO.