Dr. Tyler A. Erickson is a Senior Developer Advocate at Google, where his primary focus is on Earth Engine, a cloud-based geospatial analysis platform designed for massive global-scale analysis of environmental data. In this role, Dr. Erickson fosters collaborations with researchers, NGO's, and governmental organizations seeking to capitalize on Earth Engine's capabilities for geospatial analyses that involve immense satellite and model-based datasets. Dr. Erickson leads the development of Earth Engine's core efforts in water and climate, and guides the evolution of Earth Engine to support these scientific domains.

Prior to joining Google, Dr. Erickson led projects on geospatial analysis, visualization, and the design of geospatial data systems at the Altarum Institute and the Michigan Tech Research Institute. He also served as the Chair of the Technical Committee for AmericaView, a non-profit nationwide partnership of remote sensing scientists who support the use of public domain satellite data through applied research, education, and technology transfer.

Dr. Erickson holds graduate degrees in Civil and Environmental Engineering and in Geography from the California Institute of Technology, Stanford University, and the University of Colorado. His research has focused on water resources, particularly in the cryosphere, and on geostatistics for integrating geospatiotemporal environmental data across observational platforms.