Supporting research and teaching that relies on geographic analysis at a world leading university is a mission that presents many challenges and resulting opportunities. The Center for Geographic Analysis (CGA) consists of 6 full time employees who provide GIS solutions for any student, faculty, staff, or affiliated researchers at Harvard University. Within this framework, the CGA is frequently challenged by analytical, computational, or visualization tasks in a geographic context.

With the current boom in geospatial industry regarding web mapping technology, data acquisition, increasing geostatistical and analytical capabilities, and multi-dimensional visualization the CGA has to constantly learn and adapt to this changing industry in order to best serve clients. With each new request comes with the challenge of producing a result that best serves the need in the most efficient manner. Each new request also presents an opportunity for CGA to learn or refine existing methodologies, technologies or consulting skills.

This poster presentation aims to illustrate these challenges and opportunities by highlighting some of the many services CGA has performed for a wide variety of Harvard clients.