

GIS

Tufts GIS CenterTufts GIS Center

Tufts GIS Center and resources can be found [here](#).

Tufts GeoPortal

Many organizations and institutions are developing large spatial data repositories. Discovering and accessing these data sets pose many challenges. As a result, Tufts and Harvard are collaboratively developing an open source, federated web application to discover, preview, and retrieve geospatial data as part of global and national spatial data infrastructure. **The Open Geoportal** combines an intuitive, map-based search interface along with traditional text-based metadata search tools for rapid data discovery. Tufts instance of The Open Geoportal can be found [here](#).

Tufts Research Cluster indirectly supports GIS spatial statistical computation with the availability of modern spatial statistics programs as found in [R](#). This is a useful resource when faced with either complex estimation tasks, long runtimes or access to more memory than is often available on desktop workstations. R programs such as the following are available:

fields, ramps, spatial, geoR, geoRglm, RandomFields, sp, spatialCovariance, spatialkernel, spatstat, spBayes, splancs,

For additional information please contact tts-research@tufts.edu.