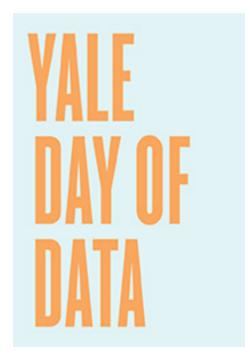## 3/3: Day of Data Spring Discussion Series: Processing Geographic BigData at the Yale Center for Research Computing

February 26, 2016

Please join us for a talk on "Processing Geographic BigData at the Yale Center for Research Computing" on March 3 by Giuseppe Amatulli. It will be held at the Institution for Social and Policy Studies (ISPS) at 77 Prospect Street, New Haven. This is one of the talks in the Day of Data Spring Discussion Series sponsored by Yale University Library, Yale Institution for Social & Policy Studies, & Yale Center for Research Computing.

Giuseppe Amatulli is a forest scientist and spatial modeler with expertise in computer science. His research activity is mainly dedicated to spatial modeling with special emphasis in species distribution model; areal distribution and potential shift under climate change condition; wildland fire occurrence and pattern recognition; and wildfire risk assessment based on human and bio-physical parameters. He deals daily with high resolution data in the context of complex and modern modeling techniques, using a stand-alone implementation process under the Linux environment. He uses open source programming language and software (GRASS, R, PYTHON, GNUPLOT, AWK, BASH, QGIS, OPENEV, CDO) to accomplish large data processing, always keeping in mind the ecological aspect of research. He supports the use of open source for ecological modeling giving dedicated courses using (and maintaining) the www.spatial-ecology.net [1] web page.