

## **COLE: CARBON ON-LINE ESTIMATOR, VERSION 2**

**Michael P. Spinney<sup>1</sup>, Paul C. Van Deusen<sup>1</sup>, Linda S. Heath<sup>2</sup> and James E. Smith<sup>2</sup>**

<sup>1</sup>National Council for Air and Stream Improvement, Lowell, MA

[mspinney@ncasi.org](mailto:mspinney@ncasi.org)

<sup>2</sup>USDA Forest Service, Northeastern Research Station, Durham, NH

The Carbon On-Line Estimator (COLE) is an Internet-based forest carbon inventory database analysis tool. Each component of the program (data retrieval, statistical analysis and output) can be individually modified to accommodate major changes or additions. Carbon estimates are derived from FIA data and other ecological data, and includes multiple components of above- and below-ground carbon stocks and carbon stock change. The user selects the county, state, or region and variable of interest, and the appropriate data are retrieved. After the user selects an area and variables, COLE can produce statistical tables, figures, maps, and PDF reports, as designated by the user. Analysis complexity ranges from basic “one-click” analyses to advanced statistical analysis. All outputs can be downloaded for customized use.

Access COLE at: <http://ncasi.uml.edu/COLE>