

Summary Sheet

Title: Riparian Zone Analysis for Forest Land Cover for the Conterminous US

Abstract: One data layer describing the amount of forest land cover contained within a buffer area extending 30 meters to each side of all streams contained within the basin (Watershed Boundary Dataset (WBD) 12-digit Hydrologic Unit Code (HUC)) and from the edge of water bodies such as lakes and ponds that are connected via flow to the streams. Streams and waterbodies were taken from the National Hydrography Dataset (NHD) high resolution stream network. Forest land cover is defined as 2006 National Land Cover Dataset (NLCD) land cover codes 41, 42, 43, and 90. The data layer was created using the ATtILA 2004 (Analytical Tools Interface for Landscape Assessments) software extension within the ArcView 3.x desktop Geographic Information System (GIS) package.

Keywords: ATtILA; forest landcover; NLCD; riparian zone

Organization or location where data will be published: Online by NatureServe.

Article(s) in which data generation techniques are described:

Wade, Timothy. G. and Donald. W. Ebert. 2005. Analytical Tools Interface for Landscape Assessments (ATTILA) User Manual. U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-04/083.

Jones, K. Bruce; Riitters, Kurt H.; Wickham, James D.; Tankersley, Roger D., Jr.; O'Neill, Robert V.; Chaloud, Deborah J.; Smith, Elizabeth R.; Neale, Anne C. 1997. An Ecological Assessment of the United States Mid-Atlantic Region: A Landscape Atlas. United States Environmental Protection Agency. Office of Research and Development, Washington DC, 20460. EPA/600/R-97/130.

Clearance history: These data sets and the methods used to develop them were internally and externally reviewed during the clearance process for the reports.

Location where data are maintained: D:\ESRP_NatlAtlas\Outputs_Mar2011, non-networked workstation in EXC140, LV.

Disclaimers: The United States Environmental Protection Agency through its Office of Research and Development funded and managed the research described here. It has been subjected to Agency review and approved for publication.

Mention of trade names or commercial products does not constitute endorsement or recommendation by EPA for use.