Engaging Communities With Solutions to Critical Natural Resources and Environmental Issues

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Statewide Projects

- Analysis of areas currently restricted from prescribed burning and areas where prescribed burning could be conducted under alternative regulations
- Bridge surveys for the Virginia Department of Transportation
- Ecosystem services effort to generate predictive models of biodiversity
- Environmental flow standards for Virginia rivers
- Geospatial data dissemination
- Geospatial technical education through Virginia's community colleges
- Local fuel for local food: natural hardwood charcoal production for forest health and value-added processing
- Small woodlot supervisor research, development, and marketing
- The Virginia Water Resources Research Center's website is a publically available water resources information clearinghouse
- The Sustainable Harvesting and Resource Professional (SHARP) Logger Program has approximately 1,400 current participants and offers an average of 41 training opportunities per year. Training topics include principles of sustainable forestry, environmental protection, and workplace safety. Additional information is available at SHARPLogger.vt.edu.
- The Urban Tree Canopy Program, in partnership with the Virginia Department of Forestry and participating localities, provides GIS-based tree canopy assessments and other planning tools to support efforts to improve water quality, conserve energy, reduce air pollution, and enhance property values.
- The Virginia Forest Landowner Education Program (VFLEP) offers a variety of educational programs to forest landowners in Virginia. These programs, which emphasize forest sustainability, include short courses, field tours, workshops, retreats, the Virginia Forest Landowner Update (a quarterly newsletter), publications on numerous forestry topics, and a website (cnr.vt.edu/forestrexp).