ENOREE RIVER BASIN, SOUTH CAROLINA

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INTRODUCTION: A river basin is a geographical region composed of a main river and several tributaries which carry precipitation downstream and drain into a larger river system. Included in this educational poster about the Enoree River Basin is a variety of information that has been collected over several years. This poster focuses on the river basin's location, geology, and geomorphology. I have also included a general overview of Furman's River Basin Research Initiative. All of the layouts have been created in ESRI ArcMap.

MAP PROJECTION INFORMATION: UTM Zone 17 Datum Clarke 1866

LOCATION

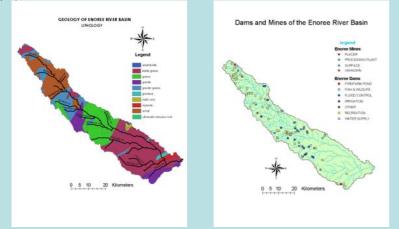
The Enoree River Basin is located in the Piedmont region of upstate South Carolina. The Enoree River originates near Travelers Rest, SC and eventually drains into the Broad River near Colombia, SC after receiving drainage from other smaller tributaries.



GEOLOGY AND SURFACE FEATURES

Lithology is the study of classifying and describing physical characteristics of a rock or rock formation. Below is a layout that displays the lithology of the Enoree River Basin.

The Enoree mines are sorted by type, and the dams are plotted according to their purpose.



RBRI - SUMMER RESEARCH PROGRAM

Since 1996, Furman University has given students the opportunity to work with professors from the Environmental Science, Biology, and Chemistry departments over the summer to research the Enoree and Saluda River Basins. The goal of the summer research is to

understand how human activity influences the river systems and water quality. Students are able to work in the field and also learn practical laboratory techniques for a period of ten weeks. Funding for this research currently comes from the National Science Foundations Research Experiences for Undergraduates program. Please visit the following website for more details: http://ees.furman.edu



3-DIMENSIONAL MODELS OF THE ENOREE RIVER BASIN AND PARIS MOUNTAIN



Northern view of Paris Mountain and Enoree River Basin



Perimeter of Paris Mountain, NE view



Acknowledgement: Alicia Rowe for creating 3-D models.