

The Southern Appalachian Mountains

Film, Teacher's Guide, Booklet, and Geologic Map

Spanning a vast area from Virginia to Georgia, the Southern Appalachians are some of the oldest mountains on Earth. Molded and shaped over eons by volcanism, erosion, glaciation, and other geologic forces, these mountains are known worldwide for their unusual beauty and rich biological diversity.

A 25-minute USGS **film** *The Southern Appalachians: A Changing World* describes how geologic events that took place millions of years ago influenced the landscape, climate, soils, and living things that are seen in the Southern Appalachian Mountains today. This film was prepared in cooperation with the National Park Service. View the film online at:

http://media.wr.usgs.gov/movies/index.html?id=the_southern_appalachians

An accompanying 16-page **Teacher's Guide** summarizes the film and includes seventeen suggested activities and discussion topics to enhance viewing. Download free at:

http://pubs.usgs.gov/gip/so_app

A companion 23-page **booklet**, *Birth of the Mountains: The Geologic Story of the Southern Appalachian Mountains*, looks at the major stages in the development of the mountains and their landscape. It shows where evidence can be seen today for each stage and gives examples of how the past affects human history and our lives today. Download free at:

<http://pubs.usgs.gov/gip/birth>

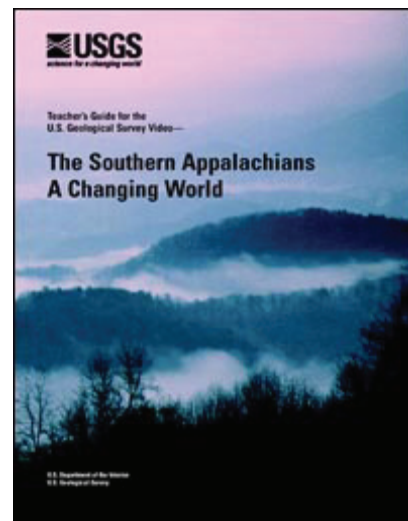
A double-sided **map**, *Geology of the Southern Appalachian Mountains* (Scientific Investigations Map 2830), was published in 2008 for classroom and public use. This product consists of a geologic map draped over a shaded-relief background, photographs of interesting geologic features, diagrams of tectonic plate movement, and much more. Sites featured in the other publications are shown on the map. Download free PDF files of both sides at:

<http://pubs.usgs.gov/sim/2830>

To Purchase

These products can also be purchased online through the USGS Store at <http://store.usgs.gov>. A \$5 total handling fee is included. (* All prices are subject to change):

DVD format of <i>The Southern Appalachians</i> plus Teacher's Guide	[product #206041]	\$10*
VHS format of <i>The Southern Appalachians</i> plus Teacher's Guide	[product #112293]	\$5*
Booklet - <i>Birth of the Mountains</i>	[product #112296]	free
Map (folded) - <i>Geology of the Southern Appalachian Mountains</i>	[product #208803]	\$10*



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