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#### Chapter 3: Fossils

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<ul> <li>7.1–7.2: Wade Greenberg-Brand, adapted from image by USDA NRCS</li> <li>7.3: Wade Greenberg-Brand</li> <li>7.4: USDA NRCS</li> <li>7.5–7.12: Jim Houghton, adapted from image by USDA</li> <li>7.13: Marie Regipa, adapted from image by Nyle Brady, 1984, <i>The Nature and Properties of Soils, 9th edition</i>, Macmillan, New York</li> <li>7.14: Wade Greenberg-Brand, adapted from image by J. A. Mason, A. E. Bettis, H. M. Roberts, D. R. Muhs, &amp; R. M. Joeckel (2006) Last glacial loess sedimentary system of eastern Nebraska and western Iowa, AMQUA Post-Meeting Field Trip no. 1, in: <i>Guidebook of the 18th Biennial Meeting of the American Quaternary Association</i>, R. Mandel, ed.: Kansas Geological Survey, Technical Series 21</li> </ul>
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<ul> <li>7.1–7.2: Wade Greenberg-Brand, adapted from image by USDA NRCS</li> <li>7.3: Wade Greenberg-Brand</li> <li>7.4: USDA NRCS</li> <li>7.5–7.12: Jim Houghton, adapted from image by USDA</li> <li>7.13: Marie Regipa, adapted from image by Nyle Brady, 1984, <i>The Nature and Properties of Soils,</i> <i>9th edition</i>, Macmillan, New York</li> <li>7.14: Wade Greenberg-Brand, adapted from image by J. A. Mason, A. E. Bettis, H. M. Roberts, D. R. Muhs, &amp; R. M. Joeckel (2006) Last glacial loess sedimentary system of eastern Nebraska and western Iowa, AMQUA Post-Meeting Field Trip no. 1, in: <i>Guidebook of the 18th Biennial</i> <i>Meeting of the American Quaternary Association</i>, R. Mandel, ed.: Kansas Geological Survey, Technical Series 21</li> <li>7.15: USDA NRCS</li> <li>7.16: Dr. David Lindbo [CC-BY-2.0] via Wikimedia Commons</li> <li>7.17: USDA</li> </ul>

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#### Chapter 8: Climate

8.1: Jim Houghton

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- 8.2: Robert Rohde [CC-BY-SA-3.0] via Wikimedia Commons
- 8.3: Adapted from Wikipedia
- 8.4–8.5: Adapted from image by Ron Blakey, NAU Geology
- 8.6: Wade Greenberg-Brand, adapted from image by USGS
- 8.7: Wade Greenberg-Brand, adapted from image by William A. Cobban and Kevin C. McKinney, USGS
- 8.8–8.9: Adapted from image by Scenarios for Climate Assessment and Adaptation
- 8.10: Adapted from image by Alex Matus [CC-BY-SA-3.0] via Wikimedia Commons
- 8.11: NOAA
- 8.12-8.15: National Climate Assessment
- 9.16: NOAA
- Köppen Climate Box: Wade Greenberg-Brand

#### Chapter 9: Earth Hazards

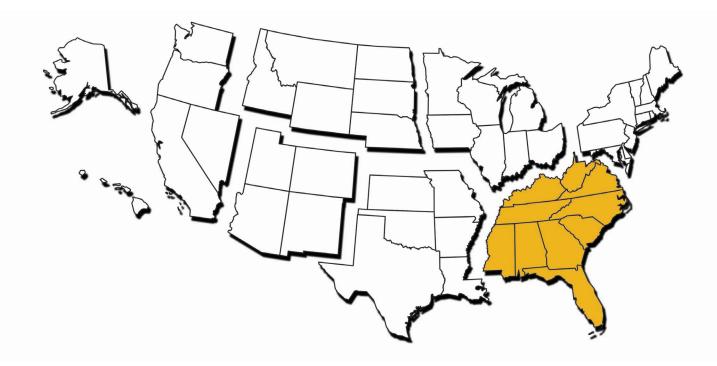
- 9.1: Wade Greenberg-Brand
- 9.2: USGS
  - 9.3: Geological Survey of Alabama, 2012
- 9.4: USGS
- 9.5: Virginia Department of Mines Minerals and Energy
- 9.6: Adapted from image by USGS
- 9.7: USGS
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- 9.9: Office of Governor Earl Ray Tomblin
- 9.10: Don Twardowski; inset by NOAA
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- 9.32–9.33: NOAA
- 9.34: Mark Wolfe, FEMA
- 9.35: Union of Concerned Scientists
- Everglades Box: NASA
- Chapter 10: Fieldwork
- 10.1–10.2: PRI
- 10.3: Don Duggan-Haas

#### Appendix

A.1–A.3: Next Generation Science Standards

## The **Teacher-Friendly** Guide™

# to the Earth Science of the Southeastern US 2nd ed.



Edited by Andrielle N. Swaby, Mark D. Lucas, & Robert M. Ross

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Layout and design by Paula M. Mikkelsen, Elizabeth Stricker, Wade Greenberg-Brand, Katherine Peck, and Christine Dubé.

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**On the back cover:** Blended geologic and digital elevation map of the Southeastern US. Each color represents the age of the bedrock at the surface. Adapted from Barton, K. E., Howell, D. G., Vigil, J. F., *The North America Tapestry of Time and Terrain*, US Geological Survey Geologic Investigations Series I-2781, <u>http://pubs.usgs.gov/imap/i2781</u>.