

Steven L. Martin

Kentucky Geological Survey
228 Mining and Mineral Resources Building
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Education

University of Kentucky, Lexington, KY

- Selected graduate-level geology courses *1999-2000*

University of Tennessee, Knoxville, TN

- Master of Science degree in Geology *1993-1997*

University of Tennessee, Knoxville, TN

- Bachelor of Science degree in Geology *1989-1992*

University of Tennessee, Chattanooga, TN

- Bachelor of Science degree in Business Administration *1981-1985*

Employment

Kentucky Geological Survey, Lexington, KY

Geologist III *1998 - present*

- Research related to the distribution of natural arches in Kentucky.
- Joint mapping for Hardin, Warren and Scott Counties, in western and central Kentucky.
- Surficial geologic mapping in western, north-central, and northern Kentucky.
- Digitized published geologic maps in western Kentucky (Jackson Purchase region).

Northern Kentucky University, Highland Heights, KY

Part-time Instructor *Spring 2005*

- Taught lecture for Historical Geology (night) course.

Pikeville College, Pikeville, KY

Part-time Instructor *Fall 2003*

- Taught lecture and lab for Physical Geology (night) course.

Arkansas Geological Survey, Little Rock, AR

Geologist *1997-1998*

- Geologic mapping of Cretaceous Gulf Coastal Plain in southwestern Arkansas.

University of Tennessee, Knoxville, TN.

Research and Teaching Assistant *1993-1996*

- Geologic mapping of the western Blue Ridge in southeastern Tennessee.
- Thesis: Stratigraphy and Structure of part of the Western Blue Ridge Foothills near Tellico Plains, Southeastern Tennessee. Advisor: Prof. Robert D. Hatcher Jr.
- Taught physical geology labs, geomorphology lab, and part of summer field course.

Chattanooga Freight Bureau, Inc., Chattanooga, TN

Brokerage and Piggyback Coordinator/Transportation Analyst 1986–1989

- Coordinated transportation brokerage and piggyback consolidation services.
- Audited freight bills and consulted with clients about transportation questions.

World Carpets, Dalton, GA

Customer Service 1985–1986

- Processed carpet orders.

Publications

Peer-reviewed publications (1)

Martin, S.L., and Greb, S.F., 2025, Distribution of natural arches in Kentucky: *Southeastern Geology*, v. 55, p. 19 – 46.

United States Geological Survey (1)

Moore, D.W., Lundstrom, S.C., Counts, R.C., **Martin, S.L.**, Andrews, W.M., Jr., Newell, W.L., Murphy, M.L., Thompson, M.F., Taylor, E.M., Kvale, E.P., and Brandt, T.R., 2009, Surficial geologic map of the Evansville, Indiana, and Henderson, Kentucky area: U.S. Geological Survey Scientific Investigations Map 3069, scale 1:50,000.

Geological Society of America abstracts (19)

Martin, S.L., and Greb, S.F., 2025, Distribution of natural arches in Kentucky: *Geological Society of America Abstracts with Programs*, v. 57, no. 2, doi: 10.1130/abs/2025SE-407580.

Martin, S.L., and Morris, E.R., 2024, Joint mapping and database at the Kentucky Geological Survey: *Geological Society of America Abstracts with Programs*, v. 56, no. 2, doi: 10.1130/abs/2024SE-398192.

Martin, S.L., 2023, Kentucky—The other land of arches: *Geological Society of America Abstracts with Programs*, v. 55, no. 6, doi: 10.1130/abs/2023AM-390920.

Martin, S.L., 2023, Fracture map of Hardin County, Kentucky: *Geological Society of America Abstracts with Programs*, v. 55, no. 6, doi: 10.1130/abs/2023AM-391256.

Martin, S.L., and Dortch, J.M., 2022, Distribution, formation, and classification of natural rock openings in Kentucky: *Geological Society of America Abstracts with Programs*, v. 54, no. 4, doi: 10.1130/abs/2022NC-374838.

Martin, S.L., Morris, E., and Curl, D.C., 2020, Geologic tour of Boone County, Kentucky, Public Parks: *Geological Society of America Abstracts with Programs*, v. 52, no. 6, doi: 10.1130/abs/2020AM-357936.

Martin, S.L., 2018, Mapping preglacial fluvial landforms and deposits in northern Kentucky—Preliminary results: *Geological Society of America Abstracts with Programs*, v. 50, no. 3, doi: 10.1130/abs/2018SE-312596.

Martin, S.L., 2017, Dissemination of detailed geologic mapping to the public: A case study of Floyds Fork in the Fisherville 7.5-minute quadrangle: *Geological Society of America Abstracts with Programs*, v. 49, no. 3, doi: 10.1130/abs/2017SE-290960.

Martin, S.L., 2016, Surficial geologic map of the Waverly 7.5-minute quadrangle, western Kentucky: Geological Society of America Abstracts with Programs, v. 48, no. 5, doi: 10.1130/abs/2016NC-275465.

Martin, S.L., 2015, Formation and classification of natural arches in the Red River Gorge Geological Area, east-central Kentucky—Preliminary results: Geological Society of America Abstracts with Programs, v. 47, no. 2, p. 4.

Martin, S.L., Andrews, W.M., Jr., Counts, R., Crawford, M.M., and Sparks, T.N., 2009, Geologic mapping section products at the Kentucky Geological Survey: Geological Society of America Abstracts with Programs, v. 41, no. 1, p. 11.

Martin, S.L., Sparks, T.N., Waninger, S., Curl, D.C., and Weisenfluh, G.A., 2008, Modeling of the Ohio River valley in western Kentucky using the KGS subsurface database: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 15.

Martin, S.L., Andrews, W.M., Jr., Counts, R.C., Thompson, M.F., and Murphy, M., 2006, Digital techniques supporting quaternary geologic mapping in the Ohio River valley, western Kentucky: Geological Society of America Abstracts with Programs, v. 38, no. 3, p. 29.

Thompson, M.F., Andrews, W.M., Jr., Counts, R.C., **Martin, S.L.**, and Murphy, M., 2006, Quaternary facies models from new Ohio River valley mapping in western Kentucky: Geological Society of America Abstracts with Programs, v. 38, no. 3, p. 76.

Martin, S.L., Wang, Z., and Weisenfluh, G.A., 2002, Three-dimensional geologic map of McCracken County, western Kentucky: Preliminary results: Geological Society of America Abstracts with Programs, v. 34, no. 2, p. 21.

Hanson, W.D., and **Martin, S.L.**, 1998, Geology of part of the west gulf coastal plain in southwestern Arkansas: Geological Society of America Abstracts with Programs, v. 30, no. 3, p. 23.

Carter, M.W., Davis, T.L., Geddes, D.J., Hatcher, R.D., Jr., **Martin, S.L.**, McClanahan, D.G., Montes, C., and Yanagihara, G.M., 1994, Application of off-the-shelf graphics and other software for making geologic maps and processing structural data, with examples from the crystalline southern Appalachians and Colombian Andes: Geological Society of America Abstracts with Programs, v. 26, no. 4, p. 6.

Carter, M.W., **Martin, S.L.**, Geddes, D.J., Hatcher, R.D., Jr., Lombardi, C.E., and Costello, J.O., 1993, Western Blue Ridge tectonics of southeastern Tennessee, northern Georgia, and southwestern North Carolina—Preliminary results, Part I: structure: Geological Society of America Abstracts with Programs, v. 25, no. 6, p. 484.

Carter, M.W., **Martin, S.L.**, Geddes, D.J., Broadhead, T.W., Hatcher, R.D., Jr., and Costello, J.O., 1993, Western Blue Ridge tectonics of southeastern Tennessee, northern Georgia, and southwestern North Carolina—Preliminary results, Part I: structure: Geological Society of America Abstracts with Programs, v. 25, no. 6, p. 484.

Geological Society of American fieldtrip guidebooks (2)

Massey, M.A., Andrews, W.M., Jr., **Martin, S.L.**, Hammond, M., and Bottoms, A.E., 2018, Significance of Pleistocene fluvial systems and glaciations on the landscape evolution of northern Kentucky, *in* Florea, L.J., ed., Orogenic uplifts, and glacial ice: Geologic crossroads in American's heartland, Geological Society of America Field Guide, v. 51, p. 165-180, [https://doi.org/10.1130/2018.0051\(07\)](https://doi.org/10.1130/2018.0051(07)).

Carter, M. W., Geddes, D. J., Hatcher, R. D., Jr., and **Martin, S. L.**, 1995, Stratigraphic and structural relations in the western Blue Ridge of southeastern Tennessee, *in* Driese, S. G., ed., Guidebook for field trip excursions, Southeastern Section, Geological Society of America, Knoxville, Tennessee, University of Tennessee, Department of Geological Sciences, Studies in Geology 24, p. 91–128.

Kentucky Geological Survey_(79)

Martin, S.L., and Morris, E.R., 2026, Joint map of Warren County, Kentucky: Kentucky Geological Survey, ser. 14, Map and Chart 1, scale 1:125,000.

Martin, S.L., 2025, Natural arches of Kentucky: Kentucky Geological Survey, ser. 14, Special Publication 1.

Martin, S.L., 2025, Natural arches of Kentucky: Kentucky Geological Survey, ser. 14, Interactive Tour 3.

Martin, S.L., and Morris, E.R., 2024, Joint map of Hardin County, Kentucky: Kentucky Geological Survey, ser. 13, Map and Chart 6, scale 1:125,000.

Massey, M.A., Swallom, M.L., Hodelka, B.N., Hayes, H., Wells, C., **Martin, S.L.**, and Morris, E.R., 2024, Surficial geologic map of the Bowling Green South 7.5-minute quadrangle, Kentucky: Kentucky Geological Survey, ser. 14, Contract Report 2, scale 1:24,000.

Hodelka, B.N., Massey, M.A., Swallom, M.L., **Martin, S.L.**, Wells, C., and Morris, E.R., 2024, Surficial geologic map of the Bristow 7.5-minute quadrangle, Kentucky: Kentucky Geological Survey, ser. 14, Contract Report 3, scale 1:24,000.

Martin, S.L., 2023, DVGQ (Digitally Vectorized Geologic Quadrangle) joint data: Kentucky Geological Survey Research Data, <https://doi.org/10.13023/kgs.data.8.9.2023>.

Martin, S.L., 2023, KGS joint data: Kentucky Geological Survey Research Data, version 2, <https://doi.org/10.13023/kgs.data.11.01.2023>

Martin, S.L., Greb, S.F., and Morris, E.R., 2021, Geologic tour of Mantle Rock Nature Preserve: Kentucky Geological Survey, ser. 13, Interactive Tour 6.

Martin, S.L., and Morris, E.R., 2020, Geologic tour of Boone County, Kentucky Public Parks: Kentucky Geological Survey, ser. 13, Interactive Tour 4.

Massey, M.A., and Hammond, M.L., Bottoms, A.E., and **Martin, S.L.**, 2020, New surficial geologic mapping along the I-65 corridor in Bullett, Hardin, and Nelson Counties: Kentucky Geological Survey, ser. 13, Research Data.

Massey, M.A., Hammonds, M.L., Bottoms, A.E., **Martin, S.L.**, and Morris, E.R., 2020, Surficial geologic map of the Elizabethtown 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 36, scale 1:24,000.

Martin, S.L., Massey, M.A., Hammonds, M.L., Bottoms, A.E., and Morris, E.R., 2020, Surficial geologic map of the Lebanon Junction 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 37, scale 1:24,000.

Hammond, M.L., Bottoms, A.E., **Martin, S.L.**, Massey, M.A., and Morris, E.R., 2020, Surficial geologic map of the Nelsonville 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 38, scale 1:24,000.

Bottoms, A.E., **Martin, S.L.**, Massey, M.A., Hammond, M.L., and Morris, E.R., 2020, Surficial geologic map of the Samuels 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 39, scale 1:24,000.

Massey, M.A., and Hammond, M.L., Bottoms, A.E., and **Martin, S.L.**, 2020, New surficial geologic mapping along the I-65 corridor in Bullett, Hardin, and Nelson Counties: Kentucky Geological Survey, ser. 13, Contract Report 40.

Bottoms, A.E., **Martin, S.L.**, Massey, M.A., and Hammond, M.L., 2019, Surficial geologic map of the Colesburg 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 18, scale 1:24,000.

Hammond, M.L., Massey, M.A., **Martin, S.L.**, and Bottoms, A.E., 2019, Surficial geologic map of the Fort Knox 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 19, scale 1:24,000.

Massey, M.A., Hammond, M.L., Bottoms, A.E., and **Martin, S.L.**, 2019, Surficial geologic map of the Pitts Point 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 20, scale 1:24,000.

Martin, S.L., Bottoms, A.E., Hammond, M.L., and Massey, M.A., 2019, Surficial geologic map of the Vine Grove 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 21, scale 1:24,000.

Bottoms, A.E., and Hammond, M.L., and **Martin, S.L.**, 2018, Surficial geologic map of parts of the Lawrenceburg, Aurora, and Hooven 7.5-minute quadrangles, northern Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 13, scale 1:24,000.

Hammond, M.L., Bottoms, A.E., and **Martin, S.L.**, 2018, Surficial geologic map of the Patriot 7.5-minute quadrangle, Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 15, scale 1:24,000.

Martin, S.L., Bottoms, A.E., and Hammond, M.L., 2018, Surficial geologic map of the Rising Sun 7.5-minute quadrangle, Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 16, scale 1:24,000.

Martin, S.L., 2017, Surficial geologic map of the Fisherville 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 2, scale 1:24,000.

Massey, M.A., **Martin, S.L.**, Waninger, S.E., and Andrews, W.M., 2017, Surficial geologic map of the Crestwood 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 3, scale 1:24,000.

Martin, S.L., 2017, Surficial geologic map of the Verona 7.5-minute quadrangle, north-central Kentucky: Kentucky Geological Survey, ser. 13, Contract Report 9, scale 1:24,000.

Martin, S.L., and Curl, D.C., 2017, Geologic tour for Parklands of Floyds Fork: Kentucky Geological Survey, ser. 13, Interactive Tour 2.

Martin, S.L., 2017, Natural arches of Kentucky: Kentucky Geological Survey, ser. 12, Interactive Tour.

Martin, S.L., 2015, Surficial geologic map of the Waverly 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Geologic Map Series 30, scale 1:24,000.

Murphy, M.L., and **Martin, S.L.**, 2015, Surficial geologic map of the Poole 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Geologic Map Series 31, scale 1:24,000.

Martin, S.L., 2013, Joint orientations in the Red River Gorge Geological Area, east-central Kentucky: Kentucky Geological Survey, ser. 12, Information Circular 29, 48 p.

Sparks, T.N., and **Martin, S.L.**, 2008, Bedrock geologic map of parts of the Evansville and West Frankfort 30 x 60 minute quadrangles, western Kentucky: Kentucky Geological Survey, ser. 12, Contract Report 31, scale 1:100,000.

Martin, S.L., Anderson, W.H., and Sparks, T.N., 2007, Geologic map of the Paducah and Cape Girardeau 30 x 60 minute quadrangles, western Kentucky: Kentucky Geological Survey, ser. 12, Geologic Map Series 14, scale 1:100,000.

Martin, S.L., 2007, Quaternary geologic map of the Waverly 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Contract Report 23, scale 1:24,000.

Martin, S.L., 2006, Quaternary geologic map of the Maceo 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Contract Report 14, scale 1:24,000.

Martin, S.L., 2006, Quaternary geologic map of the Philpot 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Contract Report 15, scale 1:24,000.

Martin, S.L., 2005, Quaternary geologic map of parts of the Rockport and Lewisport 7.5-minute quadrangles, western Kentucky: Kentucky Geological Survey, ser. 12, Contract Report 10, scale 1:24,000.

Martin, S.L., 2005, Quaternary geologic map of part of the Tell City 7.5-minute quadrangle, western Kentucky: Kentucky Geological Survey, ser 12, Contract Report 11, scale 1:24,000.

Martin, S.L., and Hounshell, T.D., 2004, Geologic map of the Murray and part of the Sikeston 30 x 60 minute quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Geologic Map Series 8, scale 1:100,000.

Counts, R.C., **Martin, S.L.**, and Andrews, W.M., 2004, Quaternary geologic map of the Henderson area, Henderson County Kentucky (Kentucky portions of the Evansville South, Henderson, West Franklin, and Wilson quadrangles): Kentucky Geological Survey, ser 12. Contract Report 6, scale 1:36,000.

Martin, S.L., 2003, Spatial database of the Balkan quadrangle, Bell and Harlan Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1127.

Martin, S.L., 2002, Spatial database of the Arlington and Wickliffe southwest quadrangles, Carlisle and Hickman Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1329.

Yang, X.X., and **Martin, S.L.**, 2002, Spatial database of the Bandana and Olmsted quadrangles, McCracken and Ballard Counties, Kentucky: Kentucky Geological Survey, ser. 12 Digitally Vectorized Geologic Quadrangle 799.

Martin, S.L., 2002, Spatial database of the Briensburg quadrangle, Kentucky: Kentucky Geological Survey: ser. 12, Digitally Vectorized Geologic Quadrangle 327.

Martin, S.L., 2002, Spatial database of the Burna quadrangle, Livingston County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1150.

Martin, S.L., and Tyra, M.A., 2002, Spatial database of the Cairo and Barlow quadrangles, Ballard County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 885.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Calvert City quadrangle, Livingston and Marshall Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 731.

Martin, S.L., 2002, Spatial database of the Cave in Rock quadrangle, Crittenden County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1201.

Martin, S.L., 2002, Spatial database of the Cayce quadrangle, Hickman and Fulton Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 601.

Martin, S.L., 2002, Spatial database of the Dycusburg quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1149.

Martin, S.L., 2002, Spatial database of the Eddyville quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 255.

Duncan, R.S., and **Martin, S.L.**, 2002, Spatial database of the Elva quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 230.

Martin, S.L., 2002, Spatial database of the Fairdealing quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 320.

Martin, S.L., 2002, Spatial database of the Fancy Farm quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1491.

Martin, S.L., 2002, Spatial database of the Fenton quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 317.

Martin, S.L., 2002, Spatial database of the Fredonia quadrangle, western Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 607.

Martin, S.L., 2002, Spatial database of the Golconda quadrangle, Kentucky-Illinois, and part of the Brownfield quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 546.

Martin, S.L., 2002, Spatial database of the Grand Rivers quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 328.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Heath quadrangle, McCracken and Ballard Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 561.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Joppa quadrangle, McCracken County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 652.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the La Center quadrangle, Ballard and McCracken Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1417.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Little Cypress quadrangle, Kentucky-Illinois: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 554.

Martin, S.L., 2002, Spatial database of the Lola quadrangle, Livingston and Crittenden Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1288.

Martin, S.L., 2002, Spatial database of the Lynn Grove quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 268.

Martin, S.L., 2002, Spatial database of the Marion quadrangle, Crittenden and Caldwell Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 547.

Martin, S.L., 2002, Spatial database of the Milburn quadrangle, Carlisle and Hickman Counties, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1420.

Martin, S.L., 2002, Spatial database of the New Madrid Southeast and Hubbard Lake quadrangles, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 292.

Martin, S.L., 2002, Spatial database of the Oak Level quadrangle, western, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 744.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Paducah East quadrangle, western, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 531.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Paducah West and part of the Metropolis quadrangles, Kentucky-Illinois: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 557.

Martin, S.L., 2002, Spatial database of the Repton quadrangle, Crittenden County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 754.

Harper, A.S., and **Martin, S.L.**, 2002, Spatial database of the Rushing Creek quadrangle, southwestern Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 445.

Martin, S.L., 2002, Spatial database of the Salem quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 206.

Martin, S.L., 2002, Spatial database of the Shetlerville and Rosiclare quadrangles, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 400.

Martin, S.L., 2002, Spatial database of the Smithland quadrangle, Livingston County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 657.

Martin, S.L., 2002, Spatial database of the Symsonia quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 326.

Melton, C.E., and **Martin, S.L.**, 2002, Spatial database of the Water Valley quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 269.

Murphy, M.L., and **Martin, S.L.**, 2002, Spatial database of the Westplains quadrangle, Graves County, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 587.

Melton, C.E., and **Martin, S.L.**, 2002, Spatial database of the Wickliffe quadrangle, Kentucky-Missouri, and part of the Wyatt quadrangle, Kentucky: Kentucky Geological Survey, ser. 12, Digitally Vectorized Geologic Quadrangle 1161.

Arkansas Geological Survey (4)

Hanson, W.D., Clardy, B.F., and **Martin, S.L.**, 1998, Geologic map of the Silver Ridge, Howard and Sevier Counties, Arkansas: Arkansas Geological Survey, Digital Geologic Quadrangle Map, DGM-AR-00783, scale 1:24,000.

Hanson, W.D., Clardy, B.F., and **Martin, S.L.**, 1998, Geologic map of the Ben Lomond quadrangle, Little River, Howard, and Sevier Counties, Arkansas: Arkansas Geological Survey, Digital Geologic Quadrangle Map, DGM-AR-00065, scale 1:24,000.

Hanson, W.D., Clardy, B.F., and **Martin, S.L.**, 1998, Geologic map of the Lockesburg quadrangle, Sevier County, Arkansas: Arkansas Geological Survey, Digital Geologic Quadrangle Map, DGM-AR-00494, scale 1:24,000.

Hanson, W.D., Clardy, B.F., and **Martin, S.L.**, 1998, Geologic map of the Falls Chapel quadrangle, Little River and Sevier Counties, Arkansas: Arkansas Geological Survey, Digital Geologic Quadrangle Map, DGM-AR-00279, scale 1:24,000.

University of Tennessee (1)

Martin, S.L., 1997, Stratigraphy and structure of part of the western Blue Ridge Foothills near Tellico Plains, southeastern Tennessee: University of Tennessee, MS thesis, 249 p.

Activities and Accomplishments

- Member of the first **public** high school soccer team in Chattanooga, TN. Hixson High (1979-1981).
- Member of the University of Tennessee at Chattanooga varsity soccer team (1981–1985). Walked-on the and earned a scholarship after first season.
- University of Tennessee Department of Geological Sciences, George D. Swingle Memorial Fellowship Award for excellence in geologic field work (1996).
- Member of Ultimate Frisbee teams in Chattanooga (1986–1989), Knoxville (1994–1997), Little Rock (1997–1998), and Lexington (1998–2014).
- Participated in the Ultimate Players Association National Tournament (1994, 2000, 2001).
- Best STATEMAP deliverable; AASG annual meeting (2004).
- Practicing yoga since 2012.