



DR. JOHN A. TEMPLETON

Senior Geoscientist

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Education and Training

Ph.D., Geology, Columbia University, 2015.

M.Div., Wake Forest University, 2004.

B.S., Geology and Chemistry, University of North Carolina, Chapel Hill, 2001.

Research and Professional Experience

2021–Present: Senior Geoscientist, EERC, UND.

- Interfaces with a diverse team of scientists and engineers to assess project uncertainties in oil and gas development and geologic CO₂ storage, including developing geophysical models of subsurface and performing regional geological characterization.
- Helps lead community and belonging efforts at EERC.

Principal areas of interest and expertise include structural geology, tectonics, sedimentology and stratigraphy, geophysical interpretation, and exploration geology.

2017–2021: Senior Geologist, Lower 48 New Ventures, ConocoPhillips.

- Served as lead structural geologist for exploration team focusing on Lower 48 opportunities in Gulf Coast and Rocky Mountain basins.

2016: Senior Geologist, Permian Basin Development Team, ConocoPhillips.

- Served as lead geologist for San Andres and Holt redevelopment on Central Basin Platform focused on carbonate sequence stratigraphy and quantitative seismic stratigraphy.

2015: Geologist, Global New Ventures, ConocoPhillips.

- Led Southeast Asia regional project including Myanmar, Cambodia, and Vietnam.

2014: Intern, Subsurface Technology Clastic Stratigraphy Group, ConocoPhillips.

- Work focused on quantitative seismic stratigraphic interpretation of deepwater turbidite channel reservoirs in Choctaw Basin, Gulf of Mexico.

2013: Intern, Sedimentology Research Group, Statoil, Norway.

- Work focused on sediment provenance of Triassic and Jurassic rift basins, North Sea, using detrital zircon thermochronology.

2011–2014: Teaching Assistant, Columbia University.

- Served as Graduate Teaching Assistant for Plate Tectonics, Advanced General Geology, Death Valley field course, and Introduction to the Solid Earth.

2008–2009: Assistant Teacher, Candler Elementary School, Candler, North Carolina.

- Assisted with reading and math for second and fifth grade classrooms.

2008–2009: Interim Campus Minister, United Methodist Wesley Foundation, University of North Carolina, Asheville.

2006–2007: Youth and Children’s Minister, First Baptist Church, Spruce Pine, North Carolina.

2005–2006: Associate Campus Minister, Mars Hill College, Mars Hill, North Carolina.

Publications

Has authored and coauthored several professional publications.