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## About the Editors



### **Ursula Hammes, Ph.D., Biography**

Ursula Hammes became intrigued with Haynesville mudrocks because of their proximity to carbonates. Since then she has become an expert in mudrock stratigraphy and sedimentology working in shale-gas and shale-oil formations such as the Eagle Ford, Bakken, Zechstein and Posidonia shales. Ursula's background is in carbonate sedimentology, diagenesis and stratigraphy. She received a Diploma in Geology at the Universität Erlangen, Germany, where she studied Jurassic sponge reefs under Prof. Erik Flügel. She graduated with a Ph.D. in geology from the University of Colorado in Boulder, U.S.A. studying rock-water interactions, stratigraphy, and sedimentology of tertiary carbonates under Prof. David Budd. She worked as an environmental geologist and exploration geologist in the oil and gas industry in Denver and Houston. She has been conducting research at the Bureau of Economic Geology, The University of Texas at Austin for the past 13 years as manager for the STARR project evaluating conventional and unconventional oil and gas plays in Texas, and as a researcher in the MSRL mudrock research program. Her main field of study for the past four years has been mudrock analysis after working diverse formations in carbonates and clastics of the Gulf Coast and Gulf of Mexico. This volume was completed while on research exchange at the University of Potsdam, Germany, working with Prof. Maria Mutti on Upper Permian Zechstein basinal mudrocks.

**Julia Gale obtained a Ph.D.** in Structural Geology from Exeter University, UK in 1987, working on the Archean of southern West Greenland. She taught structural geology and tectonics for 12 years at the University of Derby, UK. Julia moved to the University of Texas at Austin in 1998, where she is a Research Scientist at the Bureau of Economic Geology in the Jackson School of Geosciences. Her research focus is on natural fracture characterization and prediction in shale and carbonate hydrocarbon reservoirs.

