



Manika Prasad is currently Associate Professor of Petroleum Engineering at the Colorado School of Mines. She directs the O-CLASSH (Organic, Clay, Sand, Shale) research group and the co-Director of the Center for RockAbuse. Manika received her BS in Geology with distinction and topped the University of Bombay in 1978, her MS (Diplom) in Geology with Marine Geology and Geophysics as minors, and her PhD with magna cum laude in Geophysics, both from the Christian-Albrechts-Universität at Kiel, Germany in 1985 and 1989, respectively. Manika won the Merit Scholarship Award from University of Bombay for her BS achievements and the Friedrich-Ebert-Stiftung Scholarship for Ph.D. research at Kiel University. She has worked at the Mineral Physics Laboratory at University of Hawai'i, Stanford Rock Physics Laboratory at Stanford University, and at the Center for Rock Abuse at the Petroleum Engineering and Geophysics departments at Colorado School of Mines. Her students have won student paper awards at SPE and other professional conferences. She has been an advisor to Native American Students at Stanford and was named Outstanding Mentor to Native American Students at Stanford for two years in a row. Manika's main interests lie in understanding the basic principles governing the physical properties of rocks, fluids, and rocks with fluids. She is also interested to understand how the ant-sized phenomena control elephant-sized features. She has published widely in geophysical, geological, petroleum engineering, and non-destructive testing journals.

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