

PIONEER WOMEN OF GEOPHYSICS

MANIKA PRASAD



Education and First Job

Education: Ph.D., *Summa cum Laude*, Geophysics, Christian-Albrecht Universität
M.Sc., Geology with minors in marine geology and geophysics, Christian-Albrecht Universität

Ph.D. Advisor Professor Rolf Meissner

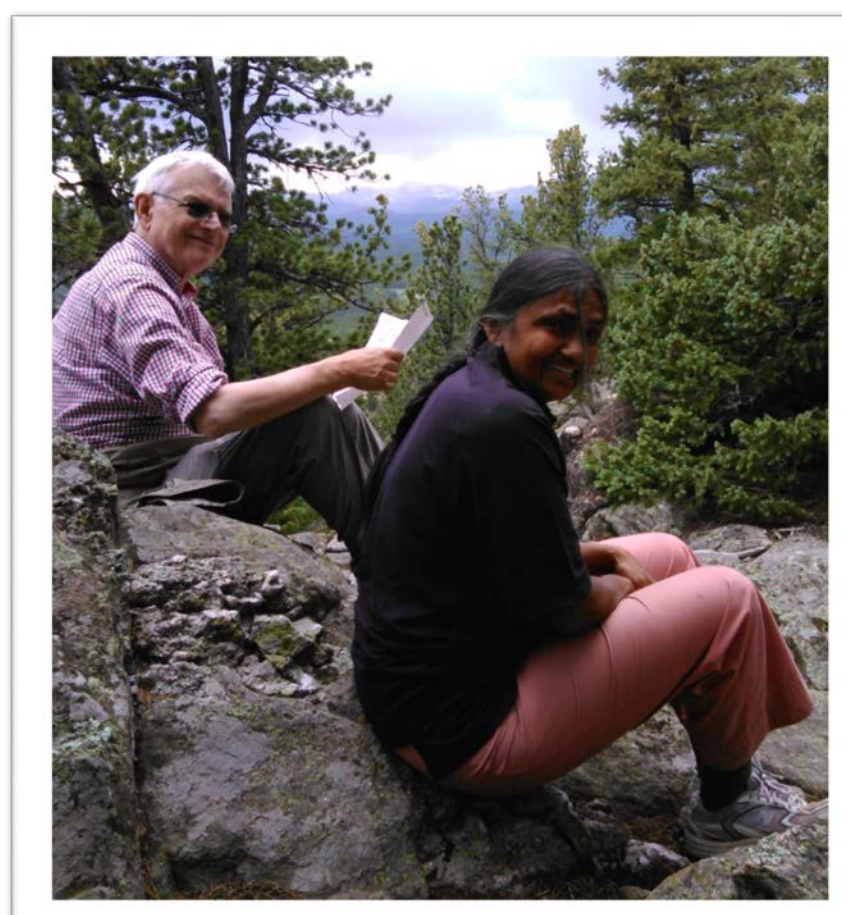
Dissertation Topic: Experimental and theoretical considerations of attenuation and velocity interactions with physical parameters in sands

First job as a geoscientist: Research Fellow, Indian Institute of Geomagnetism, India

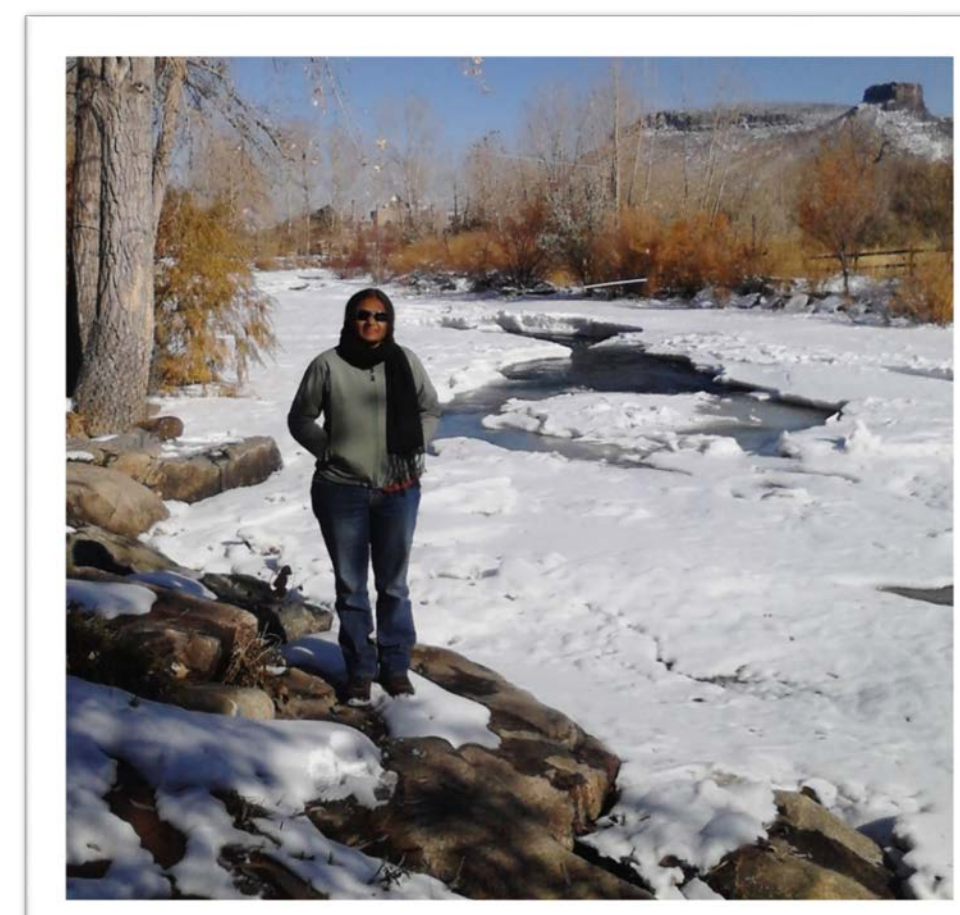
Ways Manika makes an impact

- SEG/AAPG Fall Distinguished Lecturer
- SEG Continuing Education instructor
- Associate Editor, Geophysics
- Advisor, SEG Women's Network Committee
- Technical Editor, SPE Reservoir Evaluation & Engineering-Formation Evaluation
- Co-organizer and organizer for numerous technical conferences on rock physics, shales and clay rocks, well logging, and drilling completions
- Co-author on patents, the latest on Surface Relaxivity Calculations using NMR Measurement, Three Dimensional Rock Model and NMR Response Simulation; 20,160,139,291
- Has contributed book chapters, numerous technical articles, and presentations.

IN ACTION



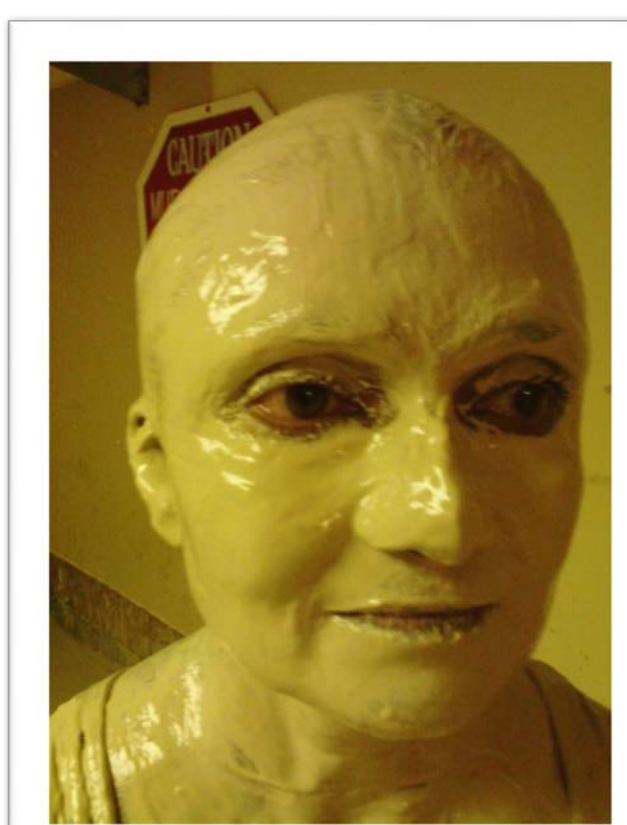
Resting on a hike to examine local rocks, CO



In the field, CO, USA



With students and staff at Center for Rock Abuse



Argillaceous sediment is good for the skin



Field trip with students



Center for Rock Abuse logo by Mike Batzle

How Manika is employed

- Colorado School of Mines:
 - Professor, Petroleum Engineering Department, Director of Physics of Organics, Carbonates, Sands, and Shales (OCLASSH); co-Director of DHI/Fluids consortium; Co-Director of the Center for Rock Abuse.
 - Previously, Associate Professor, at same department and same positions within research groups.
 - Associate Research Professor, Geophysics Department
- Associate Professor, Earth Science Department, Indian Institute of Technology, Bombay. Helped setup geophysics division and rock physics laboratory
- Ancient employment history: SRB, Stanford University; Mineral Physics, University of Hawai'i at Manoa