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**Position:** Exploration Geophysicist, M.Sc.

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### **Research areas:**

I am an exploration geophysicist and I have worked at Petróleo Brasileiro (PETROBRAS) since 1987. I received my M. Sc. degree in Stratigraphy from Universidade Federal do Rio Grande do Sul (UFRGS/Brazil) in 1994 working with Cenozoic carbonates of Pará-Maranhão Basin (equatorial brazilian margin). I had worked with Albian carbonate reservoirs of the Santos and Campos Basin (southeastern brazilian margin) and currently I am working with ultra-deep water of the Santos Basin.

My major research interests include carbonate sedimentary environments, seismic reservoir characterization and carbonate diagenesis. I am very interested to know more about late burial diagenetic modifications on carbonate reservoirs and porosity development (origin and effectiveness of the processes, hot dolomitization, tectonic controls, etc.). How we can “see” the effects of these late diagenetic processes on 3-D seismic data: enhanced porosity limestones can show a strong acoustic impedance contrast considering the surrounding unaffected host rocks. Recent advances in a 3-D seismic attributes analysis may offer more information about fractured/leached limestone zones (porous zones causing high-energy absorption). Certainly this is a new challenge for 3-D carbonate seismic stratigraphy. I would like change information and references about these topics with others geoscientists (from university and oil industry).

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