

## **Field Course :: Structural Styles (Araçuaí Belt and São Francisco Basin, MG)**

*Recognition of structures of compressional, distensional and strike-slip systems.*

**COURSE TYPE: FIELD TRIP (08 DAYS)**

**LOCAL: MINAS GERAIS (BR)**

**CLASSES IN PREPARATION**

**COST: € 2000 :: INCLUDES HOTEL AND TRANSFER  
(AEROPORTO BELO HORIZONTE AIRPORT-HOTEL-FIELD  
TRANSPORTATION)**



### **Why is Structural geology so important?**

Those who work in mineral exploration and mining development deal with two fundamental attributes of mineral deposits, namely, their composition and geometry. In most cases, the geometry of oil & gas accumulations and ore bodies are controlled by tectonic structures or represent the very expression of a given fabric element. Knowing the geometric and genetic aspects of individual structures and their associations in the scenario of the various tectonic systems is thus of fundamental importance.



Structural style.

### **Objectives**

- To recognize and describe the tectonic framework and kinematic aspects of the contractional, extensional and strike-slip systems
- To compare the field and geophysical expression of tectonic structures

- To explore the role played by tectonic inheritance in the development of the tectonic systems.

## Content

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- Structural styles of the metamorphic and foreland fold-thrust belts of the Ediacaran-Cambrian Araçuaí orogen in the Espinhaço ridge and eastern portion of the São Francisco basin
- Structural style of the Cretaceous Abaeté rift, western São Francisco basin
- Structural style of the strike-slip system of the southwestern São Francisco basin.

## Who Should attend

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Geologists, geophysicists, and engineers working in the exploration and production of oil & gas and other natural resources.

## Instructor

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- **Humberto Reis, PhD**