

Resumen: "In this talk, I will present an outline of solid Earth geophysics. I will discuss what we know about the constitution of the Earth's interior, and the different lines of evidence used to understand the formation, current state, and evolution of our planet. I will provide an overview of plate tectonics, mantle convection, and generation of the magnetic field. I will highlight some of the outstanding "big questions" of geosciences and point out areas of current active research."