

PHYSICS OF EARTH'S SOLID CRUST

- Introduction to the theory of elasticity
- Introduction to the Physics of the rocks
- Strength, defects and rupture of crystalline materials and rocks
- Seismic waves and the structure of the Earth's solid crust
- The temperature field in the Earth's solid crust
- The electromagnetic field in the Earth's solid crust
- Electric and electromagnetic prospecting methods
- Introduction to the Physics of Seismic Electric Signals