

Evolution of the Calabrian Accretionary Prism

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We have analysed available reflection multi and single channel seismic profiles (Calabrian Arc, Ion, Prised 1, CROP mare, Archimede, MS), in Ionian offshore in order to define the structures and the evolution of the Calabrian accretionary prism during the last 30 Ma. We map out the main structures with their timing of activity, and the geometry of the principal basins. On the base of these data we show that the Calabrian prism changed its style of accretion and deformation during the last 10-15 Ma.