

The Geological Time Scale: A portuguese/spanish version

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A Portuguese and Spanish version of the Geological Time Scale is presented in hypertext language. This table was constructed to be a quick reference guide to geoscientists and a learning tool for high school and college students.

The main page shows the geological time column as an image-map with hyperlinks to Eons, Eras, Periods and Epochs. The following pages show generic information, occurrence map in South America and Brazilian specific cases, illustrated by maps, stratigraphic columns, fossil, outcrop and thin-section photographs and other pictures. A reference list and links to other selected related sites are also shown.

In addition, the table contains a section dedicated to continental evolution, especially to the South American Plate evolution. The tectonic events are detailed, focusing both taphrogenic and orogenic phases. Sedimentary basins and tectonic -metamorphic evolution related to these events are also discussed. Special attention was given to the tectonism and evolution of the Mesozoic-Cenozoic basins. Geotectonic evolutionary models were obtained from geological literature and based on lithostratigraphic, geochronologic, petrogenetic and structural data.

A special section is dedicated to paleontology, particularly to dinosaurs, directed mainly to the younger public, and focusing, principally, Brazilian examples.

Many researchers contributed to this work and whenever their collaboration is mentioned, a link to the author or to the institution is provided.