

Plate Tectonics

Continental Drift and Mountain Building

How are mountains formed? Why are there old and young mountains? Why do the shapes of South America and Africa fit so well together? Why is the Pacific surrounded by a ring of volcanoes and earthquake-prone areas while the edges of the Atlantic are relatively peaceful?

Frisch and Meschede and Blakey answer all these questions and more through the presentation and explanation of the geodynamic processes upon which the theory of continental drift is based and which have led to the concept of plate tectonics.

Wolfgang Frisch was born in Vienna, Austria, in 1943. He studied in Vienna and worked at the Mining University of Leoben (Austria), the University of Vienna, and the Technical University of Munich, before he was appointed to Tübingen University in 1981, where he held the Chair in Geology until his retirement in 2009. His research interests were structural geology and geodynamics, genesis of mineral deposits, and petrology of magmatic rocks. Working areas were in many parts of the world, such as the Alps and southeastern Europe, the Himalayas and Tibet, Arabia and Egypt, East and Central Africa, Middle America, and Greenland. Scientific results are documented in more than 200 articles. Wolfgang Frisch is member of the Austrian Academy of Sciences and bearer of the Hans-Stille-Medal. He is now living in Vienna.

Martin Meschede, born in 1957, is a Professor of Regional and Structural Geology at the University of Greifswald, Germany. He received his Diploma in Geology in 1982 from the University of Hannover, Germany, and his Doctorate in 1986 from the University of Tübingen, Germany. From 1986-2001 he worked as a scientific researcher at the University of Tübingen and since 2001 he has been with the University of Greifswald. In 2007 he became Vice Chairman of the DGG (German Society of Geosciences). In 1995 he received the Credner Award of the DGG. His research interests include geodynamics, structural geology, and paleogeographic reconstructions, particularly in the Caribbean and Eastern Pacific region, marine geology, and neotectonic and glacial processes in the Baltic Sea area.

Ronald Blakey is Professor Emeritus of Geology at Northern Arizona University following over 34 years of teaching courses in Historical Geology, Sedimentology and Stratigraphy, Field Geology, and Tectonics. Most of his scholarly publications concern the sedimentary rocks and geologic history of the American Southwest. More recently, he became heavily involved in the reconstruction of paleogeographic maps that document past Earth history. Many of these maps can be viewed at <http://jan.ucc.nau.edu/~rcb7/>. Plate Tectonics is his second book following Ancient Landscapes of the Colorado Plateau with co-author Wayne Ranney.

Earth Sciences



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