Mountain Building in the Uralides: Pangea to the Present
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DESCRIPTION

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Extending for more than 2000 kilometers from the islands of Novaya Zemlya in the north to the Aral Sea in the south, the Uralide orogen forms the geographical and geological divide between Europe and Asia. For more than a century the Uralides have been one of the key areas of geological research in Russia, and have provided much of its mineral and petroleum wealth for the last 50 years. Nevertheless, the geology and tectonic evolution of the Uralide orogen were relatively unknown in the international literature until recently, when EUROPROBE and GEODE (European Science Foundation scientific programmes) brought together Russian, European, and American earth scientists to work in the Uralides project and the Urals Mineral Province project, respectively. Much of the recent research has focused around two deep seismic surveys, Europrobe's Seismic Reflection Profiling in the Urals (ESRU) survey in the Middle Urals and the multicomponent Urals Seismic Experiment and Integrated Studies (URSEIS) survey in the South Urals. These experiments were accompanied by a large number of geological, geochemical, geochronological, and geophysical studies.
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Dennis Brown is head of one of the largest departments of Religion & Philosophy in Britain, at Manchester Grammar School. He has authored several A Level textbooks.

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