

# **The Dead Sea Fault – Thousand Kilometres and 20 Million Years of Destructive Earthquakes**

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## **ABSTRACT**

The Dead Sea Fault is a major transform fault, separating the Arabian Plate from the Israel-Sinai sub-plate. Both plates have been moving northwards for the last 20 million years, with the eastern Arabian plate moving faster at a relative velocity of 5 mm/year. This relative movement is associated with the occurrence of destructive earthquakes, for which there is a historical record. This record is extended in time through geological evidence for strong earthquakes along the Dead Sea Fault in the last 200,000.

## **BIOGRAPHICAL NOTES**

Dr. Ze'ev B. Begin has been a geologist with the Geological Survey of Israel since 1965. He earned his B.Sc and M.Sc degrees in geology from the Hebrew University, and a Ph.D degree in geology from Colorado State University.

## **CONTACTS**

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