

# TECTONIC PLATE BOUNDARY ANALYSIS

Geological Reference & Global Distribution Data

[Insert High-Resolution World Tectonic Map Image Here]

**Divergent (Spreading)**

**Convergent (Subduction)**

**Transform (Lateral)**

Pacific Plate	Convergent / Transform	Ring of Fire / San Andreas	~7-11 cm/yr
North American Plate	Divergent / Transform	Mid-Atlantic Ridge	~2.5 cm/yr
Eurasian Plate	Convergent	Himalayan Mountain Range	~1-2 cm/yr
African Plate	Divergent	East African Rift Valley	~2.1 cm/yr
Indo-Australian Plate	Convergent	Java Trench	~5-6 cm/yr
Nazca Plate	Convergent	Andes Mountains / Peru-Chile Trench	~7-8 cm/yr