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Special Issue Reprint

## Tectonic Evolution of the Tethys Ocean in the Qinghai–Tibet Plateau

**Edited by: Ming Wang**

This Reprint collates ten original research articles that explore the tectonic evolution of the Tethys Ocean, with a focus on the geological archive of the Qinghai–Tibet Plateau. The contributions span the entire spectrum of Tethyan history, from the Proto- and Palaeo-Tethys to the Neo-Tethys, investigating the magmatic and tectonic processes driven by oceanic subduction, slab rollback, and ultimate continental collision. The key themes include subduction-related magmatism, crust-mantle interaction, tectonic transitions from extension to compression, and the genesis of mineral resources. By integrating field studies with advanced geochemical and geochronological analyses, this collection addresses some of the controversial issues regarding the geodynamic evolution of the Tethyan realm and provides new constraints on continental assembly, oceanic closure, and the profound tectonic signatures imprinted across the Tethyan realm. This Reprint offers a comprehensive and timely resource for researchers in tectonics, petrology, and geodynamics.

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