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闽, 浙, 赣晚前寒武纪构造格局探讨 [点此下载全文](#)

[邓家瑞](#) [张志平](#)

华东地质学院, 华东地质学院 江西临川, 344000, 江西临川, 344000

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摘要:

华南前寒武纪构造格架在长期中不断取得进展。通过闽、浙、赣地区前寒武纪建造、构造综合分析研究: 浙西—赣东北地区中元古代晚期为华夏古陆的活动陆缘; 武陵运动是华南重要的造山运动, 华夏古陆与扬子板块在赣东北断裂带一线碰撞, 形成了统一的“华南古大陆”; 新元古代由于区域地质条件不同, 各地块碰撞后的构造演化存有明显的差异; 新元古代本区主要由华南新元古代早期大陆碰撞带和闽西南—赣南裂陷槽组成。

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Late Precambrian Tectonic Framework in Fujian, Zhe jiang and Jiangxi [Download Fulltext](#)

[Deng Jiarui](#) [Zhang Zhiping](#)

Fund Project:

Abstract:

Progress has been made in the long-term study on the Precambrian tectonic framework in South China. Through an integrated analysis of the tectonics and Precambrian formations the following conclusions are drawn.: (1) Cathaysia was a dismembered old land in the Paleoproterozoic. (2) The western Zhejiang-northeastern Jiangxi area was the active continent margin of Cathaysia in the late Mesoproterozoic. (3) The Wuling orogeny was the most important orogeny, during which the Jiangnan block collided with Cathaysia along the northeastern Jiangxi fault zone and as a result the united "Huanan (South China) old land" came into being. (4) In the Neoproterozoic, there existed evident differences in the tectonic evolution of different blocks after their collision because of respective distinctive geological conditions, and the tectonic framework in the area consisted mainly of the early Neoproterozoic Huanan continental collision zone and the southwestern Fujian-southern Jiangxi aulacogen.

Keywords: [active continental margin](#) [late Precambrian](#) [Cathaysia](#)

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