

## 陆-陆碰撞造山带双前陆盆地模式——来自大别山、喜马拉雅和乌拉尔造山带的证据

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中文摘要:大陆碰撞造山带不同的构造演化阶段往往形成不同成因类型的周缘前陆盆地(系统)。根据对几个典型大陆造山带的研究,我们把大陆碰撞造山带的构造演化过程分为陆-陆拼接和大规模陆内逆冲推覆(陆内俯冲)两个阶段;早期陆-陆拼接阶段直接在俯冲板块被动大陆边缘基础上形成的前陆盆地称为“原前陆盆地”,后期大规模陆内逆冲-推覆(或陆内俯冲)阶段在俯冲板块内部形成的前陆盆地称为“远前陆盆地”(它比原前陆盆地距主缝合带远)。原前陆盆地和远前陆盆地是同一大陆碰撞造山带不同构造演化阶段的产物,是两种不同成因类型的周缘前陆盆地,它们构成了同一大陆造山带的双前陆盆地,而不是传统概念的单一成因类型前陆盆地。

中文关键词:[大陆碰撞造山带](#) [周缘前陆盆地](#) [双前陆盆地](#) [前陆带迁移](#)

## Dual Foreland Basin Model of Continent-Continent Collision Orogenic Belt:Evidence from Dabieshan, Himalayan and Uralian Orogenic Belts

**Abstract:**Different genetic types of foreland basins can be formed in different tectonic stages. Based on studies of some well-known continental collision orogenic belts, the authors divided the tectonic evolution of the continental collision orogenic belt into continent-continent amalgamation and large-scale intracontinental overthrust (intracontinental subduction)stages. The foreland basin formed on the basis of the subducted passive continental margin during the amalgamation stage was named "proto-foreland basin", whereas that formed in the inner part of the subducted continent during the large-scale intracontinental overthrust stage was named "outer foreland basin", which is more distant from the main suture zone than the proto-foreland basin. The proto-foreland basin and the outer foreland basin are two genetic types of peripheral foreland basins, which are formed in different tectonic stages of one continental collision orogenic belt, and produce the "dual foreland basin of one continental orogenic belt that however is not simply a single foreland basin of the generally accepted conception. The dual foreland basin is an important characteristic of the peripheral system as compared with the retro-arc system.


**keywords:**[continental collision orogenic belt](#) [peripheral foreland basin](#) [proto-foreland basin](#) [outer foreland basin](#) [dual foreland basin](#) [foreland migration](#)

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