

## Magma plumbing system of Fuji volcano and its relation to regional tectonics

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Fuji volcano is the largest stratovolcano in Japanese Islands, which continues to erupt voluminous basaltic magma for past 100,000 years. The peculiar features of Fuji volcano can be explained by considering that the middle-lower crust beneath Fuji volcano consists of teared and diverging Philippine-Sea plate.