

Segmentation of the Philippine fault zone in the Luzon Island based on fault zone geometry and direction of vertical displacement

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We have been studying the segmentation of the Philippine fault zone in the Luzon Island. Based on fault zone geometry and historical seismicity, the Philippine fault zone in the Luzon Island is divided into four earthquake segments including the one that ruptured during the 1990 earthquake. We will test the segmentation model based on paleoseismic data from trench excavations.