

Earthquake characteristics of 1885 Ansei Edo earthquake presumed by earthquake anomalies and housing damages - preliminary report on NNE-SSW trending an earthquake fault

*Isamu Toyokura¹

1. Geo-Toyokura Professional Engineer's Office

Ansei Edo earthquake hit the central part of Edo city, 1855 in Edo period and brought large damages to both Edo governmental system and people living there. Various records of earthquake anomalies and housing damages are preserved. Therefore, I have been making an attempt to analyze the characteristics of the earthquake and earthquake fault based on these historical data.

I will discuss the possibility of NNE-SSW trending earthquake fault in the eastern part of the Yamanote upland.

Keywords: Ansei Edo earthquake, earthquake lighting, NNE-SSW trending earthquake fault, concealed fault in the metropolitan area, damage distribution