

Considering the prevention of earthquake disaster in Iiyama city.

Hiroaki Kuroiwa¹, *Takumi Iwamoto¹, *Naoki Toyoda¹, *Sena Tsuchiya¹

1. Iiyama Senior High School

Iiyama city suffered from the Zenkoji Earthquake in 1847. But, they have not had earthquake hazard maps in Iiyama city, yet so we tried to make it ourselves. For that reason, we used the theory that the greater earthquake shakes are, the thicker greater as the soft ground is. As a result, we found that the area where the tremors were great in the Chuetsu Oki Earthquake and the area where we expect the tremors to be great are nearly identical. As a result, we concluded that this hazard map we expect the tremors to be great are nearly identical. Therefore, we concluded that this hazard map is valid. Iiyama city was also damaged by sediment-related disasters in Zenkoji Earthquake. And we are researching sediment-related disasters at the time of earthquake.

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