

## AMPLIFIKASI DAN ATENUASI GELOMBANG SEISMIC DI LAPISAN SEDIMEN PERMUKAAN

<b>Title</b>	AMPLIFIKASI DAN ATENUASI GELOMBANG SEISMIC DI LAPISAN SEDIMEN PERMUKAAN
<b>Author Order</b>	of
<b>Accreditation</b>	
<b>Abstract</b>	Soft sedimentary layer caused the amplification effect which amplified seismic wave. Besides of that, the soft sedimentary layer also have atenuation effect of seismic wave propagation. This research was conducted to evaluated the amplification and attenuation effect in soft sedimentary layer based on theoretical evaluation and 176 microtremor datas of Denpasar city which analyzed using HVSR method. The results of this research show that the value of amplification have a linier relation with the quality factor that have negative correlation with attenuation. The quality factors that calculated from HVSR curves are the quality factor of secondary seismic wave propagation
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