

Imaging project of the coast lowland using grand-penetrating radar (GPR)

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The coastal lowland is the most important area on the earth and its landform has been changed by human activities, sea level rising effects, storms and tsunamis. In general, there are many geological or geographical studies about sedimentation and evolution of coastal area. We know modern coastal plains have been received the effect of the sea level change and during past 6000 years. However, imaging techniques of coastal sediments have not been established yet. In our project, we try to establish the high-resolution imaging techniques for modern and past coastal sediments using the grand-penetrating radar (GPR).