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Research Interests:	River meandering, hydraulic construction, etc.	
Current Research Abstract		
<p>Meandering on the laboratory condition using layered sediments was reproduced in the small flume with small hydraulic conditions. The mixture of cohesive sediment as well the fine sand in different ratios was selected to ensure good meandering, high sinuosity as well to describe the role of cohesion. Experiment results proof the dominant role of cohesion and its sensitivity towards the bed forms. The increasing percentage of the clay on the banks would retain braiding, meandering and the straight channels with many similarities as of natural conditions. Also, the associated phenomenon of the bank erosion with slump failures due to cohesive contents demonstrates unique characteristics. The slump blocks decrease the erosion speed on the outer bank was found to be greatly effected by the clay content in the sediments.</p>		