Calculation method of tsunami approaching a shore through a sea area with a mildly sloping sea bottom

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A calculation method for a tsunami waves approaching a shore on a mildly sloping beach was discussed with considering the effect of breaking of crests of waves. We apply Boussinesq equation with containing the term of energy loss due to breaking to the simulation of the propagation of the tsunami of the 1703 Genroku Earthquake approaching Kujukuri Coast.