

# **Methodological approach for calculating the interaction of swell and sea disposal currents**

Content of this thesis works out the basic methodology for calculating the swell characteristics on the high flow-rate discharge stream of thermoelectric or electronuclear plants, established in the coast region. In the same context, we gave the criteria of hydraulic and sedimentologic similarity of modeling, and from this study based on the analysis for experiences results, we gave technical recommendations for the protection of civil engineering structures of such coastal transit developments.