

ODESA SCHOOL OF EARTHQUAKE ENGINEERING



Viacheslav Iegupov
(1926-1997)



Kostiantyn Iegupov

Odesa school of earthquake-resistant construction was created by professor V. K. Iegupov over the years of his work at the Odesa Civil Engineering Institute (OCEI) from 1958 to 1968. Research was continued at the Research Institute of Building Constructions (Kiev), and then at the Odesa Institute of Marine Engineers (OIME), where over the next 30 years, his team of employees actively continued this work. After his death, the team was headed by Professor K. V. Iegupov. Today, research continues on the basis of the Science and Technology Institute of Fundamental and Applied Services of the Odesa National Marine University in Odesa.

Over the years, new directions in the field of earthquake-resistant construction have been created and developed. Studies of the earthquake resistance of buildings have been carried out in view of spatial work and wave processes. The basic laws of spatial deformation have been formulated, the scientific foundations of building modeling have been developed, and models for the interaction of structures with a traveling seismic wave have been created.

Currently, a creative team is working on this issue: K. Iegupov, V. Dorofeev, S. Rogachko – Doctors of Technical Sciences, N. Soroka, O. Murashko, D. Bezushko, A. A. Baranova, V. Iegupov, jr – Candidates of Technical Sciences.