

PORT, COASTAL AND GEOTECHNICAL ENGINEERING

During the last sixty years Odessa National Maritime University has traditionally presented very strong and internationally recognized scientific school on port, coastal and marine geotechnical engineering. In the 60-80s of the 20th century deep theoretical and experimental investigations were conducted by professors Fuad Shikhiev, Peter Yakovlev, Rostislav Lubenov, Vitaly Kovtun, Victor Bugaev, Mikhail Vargin, and Alexander Shkola. Their studies were focused on the interaction of port engineering structures with soil and water media regarding the deformed state of the facilities. The next generation of researchers is presented by Prof. Michael Doubrovsky; since the 90s till now he has developed and studied new methods of structure design based on kinematics approach and innovative improvements (more than 300 publications and about 60 patented inventions). The obtained results allow us to increase the reliability of port facilities and to improve technical operation of structures. His followers Ph.D. G. Assaf, Ph.D. N. Khonelia, Ph.D. A. Slobodyanik, and others are successfully developing practical applications of these methods.



Prof. Fuad Shikhiev



Prof. Peter Yakovlev



Prof. Michael Doubrovsky