

## PROF.PhD. Eng. Fanel - Viorel PANAITESCU

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**Scientific title:** Prof. PhD. Eng.in Constanta Maritime University, Engineering Sciences in Mechanics and Environment Department of Electromechanical Faculty, from 2017

**Studies:** 2000, PhD in Mechanical engineering on „Transilvania ” University, Brasov, Romania; 1984-Bachelor's in Mechanical engineering, POLITEHNICA Bucharest, Hydraulical machinery and Pneumatics specialization; 2007-Master Degree in Environmental Economy on Ecological University, Bucharest, Romania;

**Professional experience:** 1985-1994-Engineer, Shipyard Tulcea and Naval Mechanical Enterprise (IMN) Constanta, Romania; 1994-present-Assistent, Senior lecturer, Assoc. Prof., Full-Professor in Constanta Maritime University, Electromechanical Faculty, Engineering Sciences in Mechanics and Environment. Has maritime mechanic officer II certificate; KONSBERG car simulator instructor certificate, emergency simulator; certificate of Manager of environmental management systems, 2009; - course trainer certificate M.O. 6.). IMO on issues of prevention of marine environment pollution; -certificate Internal Environmental Auditor, TUV-South Germany, ISO 14000; - Internal Quality Auditor certificate, TUV-South Germany, ISO9000. member/manager in projects on environmental issues (Study of flows in marine engineering, 2000; Multidisciplinary research on the theoretical and experimental model of an ecological power plant based on marine wave energy. CEEX contract 103/3.10.2005; director of CEEX-INSECO-BIOTECH contract no. 7749/2006).

Work published: 30 books , 154 papers. Member of professional associations: Society for promotion of renewable, inexhaustible and new sources of Energies), 1999; FEMTEC State CHINA, 2008; EENEP, 2010; Romanian Water association, 2012; Romanian Environmental Association, 2010; FLAG Dobrogea-Nord, 2014. Foreign Languages known: English, German, French.

**Key points of interest in research:** Mechanical engineering, Naval engineering, Hydraulics, Environmental engineering, modeling, and dynamic simulation of processes, Environmental risk, Renewable energies (wind turbines, photovoltaics pannels, fuel-cells)