

Assist. PROF. PhD Tanja BRCKO SATLER

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Scientific Title: PhD in Maritime Science and is an Assistant Professor at the Faculty of Maritime Studies and Transport, University of Ljubljana.

Studies: Doctorate of Maritime Science Engineering , Faculty of Maritime Studies and Transport, University of Ljubljana.

Professional experience: She teaches terrestrial, celestial and electronic navigation, watch keeping management and related subjects, combining lectures with simulator-based training. A former ship deck officer with professional seagoing experience on bulk carriers, she also coordinates and instructs STCW courses and serves as a member of the national examination board for seafarers' certification. She is reviewer for international journals, such as MDPI, Journal of navigation, ToMS, IEEE etc. She has participated in numerous international projects, including TEMPUS MArED, Erasmus+ DigiMar and ULTRA – UL for a Sustainable Development, and contributed to the harmonization of study programs with the STCW Manila amendments (2010). She has also attended advanced international training courses and workshops, including EMSA's STCW Convention training, and represented IAMU at the 12th IMO NCSR Sub-Committee session in London.

Key points of interest in research: human factors in navigation, decision-making and collision avoidance, fuzzy logic applications, and the integration of IoT and biometric data in maritime operations, bridge team management, maritime cyber security, and safety in ports and inland waterway