



**Impacts of the Fourth Industrial Revolution on Port-City Integration  
“World Port Sustainability Program Aspects”**



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Salman Nazir is a Professor at the University of South-Eastern Norway, in the Department of Maritime Operations. He is the Head of Training and Assessment Research Group (TARG). He received his Masters from Hanyang University, South Korea, in Chemical Engineering (Specialization Process System Engineering), and PhD in Industrial Chemical Engineering (Specialization in Human Factors), from Politecnico di Milano, Italy. Prof. Nazir’s research work is focused on Human Factors, Training Methods, Virtual Reality Training Simulators, Training Syllabus, Performance Indices, Performance Assessment, Performance Management, Learning Processes, Complex socio-technical systems and Situational Awareness.

He is author/co-author of 48 peer reviewed journals and 27 peer reviewed conferences and 11 peer reviewed book chapters in esteemed international journals and conferences.

Prof. Nazir has won several awards, scholarships and research grants during his career. Currently he is actively managing multidisciplinary research project- EU Horizon2020 project *Enhancing Human Performance in Complex Socio-technical Systems* (ENHANCE) which involves seven (07) universities and three (03) industries from Norway, Germany, China, Pakistan, Malaysia, Italy and UK. Another project *Innovating maritime training simulators using Virtual and Augmented Reality* (InnoTraining) is running under the umbrella of his research group TARG at USN, in collaboration with Kongsberg maritime and the Research Council of Norway. In order to develop cutting edge solutions with multi-disciplinary approach, he has been collaborating with Human Factors Specialists, Cognitive and Computer Scientists, Maritime Experts and Practitioners. He has also been engaged in teaching in specialized courses for Master and PhD level along with several supervision works. He was awarded Cum Laude (outstanding honour) with the title of his PhD.