



CURRICULUM VITAE

1. Name Surname : DENİZ ÜNSALAN
2. Date of Birth : 15.02.1953
3. Title : Engineer, Oceangoing Chief Engineer
4. Education : PROF. DR.

Degree	Field	University	Year
Bachelor	Naval Engineering	Turkish Naval Academy	1973
Master	Mechanical Engineering	Naval Postgraduate School	1980
Doctorate	Naval Architecture	İstanbul Technical University	1993
Post Graduate	Marine Engineering	Inter University Council of Turkey	1996

5. Academic Titles: Professor

6. Graduate Theses Supervised

Title	Department	University	Year/Period
Assistant Professor	-	-	-
Associate Professor	1	Near East University	1996-2003
Professor	2	Dokuz Eylül University	2003-2009

6.1 Master Theses

- Quality Control in Maritime Education, Near East University, Hilmi Şahlı, 1999
- Parametric Excitation of Traditional Turkish Boats, Dokuz Eylül University, Erkin Yağcı, 2006



- Comparative Analysis of National and International Measurement Methods and Algorithms about Ship Gross and Net tonnage, Dokuz Eylül University, Mustafa Bankaoğlu, 2007

6.2 Doctorate Theses

7. Publications

7.1. Articles published in peer reviewed international journals

(SCI, SSCI Arts and Humanities)

- NEŞER G., GÜRSEL K. T., TANER M, ALTUNSARAY E., ÖNAL M., ÜNSALAN İ D., BAYRAM S. (2018). On the polymer modified cement mortars with different lightweight aggregates in marine environment. MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, 49(7), 893-901., Doi: 10.1002/mawe.201700027
- ALTUNSARAY E., NEŞER G., ERBIL C., GÜRSEL K.T., ÜNSALAN I.D. (2012). Environmental fatigue behavior of non crimp E glass fiber reinforced polyester composites for marine applications. MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, 43(12), 1053-1058., Doi: 10.1002/mawe.201200955
- NEŞER G., KONTAŞ A., ÜNSALAN İ.D., ALTAY O., DARILMAZ, E., SUZER E., KÜÇÜKSEZGIN F., TEKOGUL N., YERCAN H.F. (2012). Polycyclic aromatic and aliphatic hydrocarbons pollution at the coast of Aliaga Turkey ship recycling zone. MARINE POLLUTION BULLETIN, 64(5), 1055-1059., Doi: 10.1016/j.marpolbul.2012.02.019
- NEŞER G., KONTAŞ A., ÜNSALAN İ.D., ALTAY O., DARILMAZ, E., SUZER E., KÜÇÜKSEZGIN F., TEKOGUL N., YERCAN H.F. (2012).. Heavy metals contamination



levels

at the Coast of Aliaga Turkey ship recycling zone. *Marine Pollution Bulletin*, 64(4), 882-887., Doi: doi:10.1016/j.marpolbul. 2012.02.006

- NESER GÖKDENİZ, ÜNSALAN İZZET DENİZ, TEKOGUL NERMIN, STEUER LAURIDSEN FRANK (2008). The shipbreaking industry in Turkey environmental safety and health issues. *JOURNAL OF CLEANER PRODUCTION*, 16(3), 350-358., Doi: 10.1016/j.jclepro. 2006.08.018
- NESER GÖKDENİZ, ÜNSALAN İZZET DENİZ (2006). Dynamics of ships and fenders during berthing in a time domain. *Ocean Engineering*, 33(14-15), 1919-1934., Doi: doi:10.1016/j.oceaneng. 2005.10.020
- ÜNSALAN İZZET DENİZ (2006). Contribution to An investigation into the loss of the steel bark Admiral Karpfanger ex L Avenir. *MARINE TECHNOLOGY AND SNAME NEWS*, 43(1), 40-41.
- GÜNDÜZ GÜRHAN, ÜNSALAN İZZET DENİZ (2004). A comparative study of the first and second order theories and Goda s formula for wave induced pressure on a vertical breakwater with irregular waves. *OCEAN ENGINEERING*, 32(17-18), 2182-2194., Doi: 10.1016/j.oceaneng.2005.02.011

7.2. Articles published in other peer reviewed international journals

- ÜNSALAN İZZET DENİZ, GÜRSEL KADRI TURGUT, TANER MESUT, NESER GÖKDENİZ (2018). Design of a Marine Autonomous Surface Vehicle for Geological and

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Geophysical Surveys. Scientific Bulletin of Naval Academy, 21(1), 20-36., Doi:

10.21279/1454-864X-18-I1-003

- ÜNSALAN İZZET DENİZ, , IZET-ÜNSALAN Kunsel, GÜRSEL KADRI TURGUT (2018). A wave energy system based on converting wave-induced motions into peristaltic flow in a rectangular channel. IOP Conf. Series: Earth and Environmental Science, 172, Doi: 10.1088/1755-1315/172/1/012002
- GÜRSEL KADRI TURGUT,TANER MESUT,ÜNSALAN İZZET DENİZ,NESER GÖKDENİZ,ALTUNSARAY ERKİN,ÖNAL MEHMET (2017). Form Development and Validation of an Autonomous Underwater Vehicle. "Mircea cel Batran" Naval Academy Scientific Bulletin, 20(1), 231-240
- ÜNSALAN İZZET DENİZ, , IZET-ÜNSALAN Kunsel, GÜRSEL KADRI TURGUT (2017). A WAVE ENERGY CONVERSION SCHEME BASED ON ROLL PARAMETRIC EXCITATION OF A FIVE-HULLED TRIMARAN BARGE. "Mircea cel Batran" Naval Academy Scientific Bulletin, 20(1), 308-313.
- ÜNSALAN İZZET DENİZ,GÜRSEL KADRI TURGUT, , IZET-ÜNSALAN Kunsel (2016). A system to make use of existing breakwaters as overtopping wave energy converters. Mircea cel Batran Naval Academy Scientific Bulletin, 19(1), 304-306., Doi: DOI: 10.21279/1454-864X-16-I1-052
- GÜRSEL KADRI TURGUT,ÜNSALAN İZZET DENİZ,NESER GÖKDENİZ,TANER MESUT,ALTUNSARAY ERKİN,ÖNAL MEHMET (2016). A technological assessment of the wave energy converters. Mircea cel Batran Naval Academy Scientific Bulletin,



19(1),

408-417., Doi: 10.21279/1454-864X-16-I1- 069 ÜNSALAN İZZET DENİZ , İZET-ÜNSALAN Kunsel (2016). Ultracapacitors for torpedo propulsion. Mircea cel Batran Naval Academy, 19(1), 323-327., Doi: DOI: 10.21279/1454-864X-16-I2-047

7.3. Papers delivered in international conferences and printed as proceedings

- Danisor Alin , , İZET-ÜNSALAN Kunsel, ÜNSALAN İZZET DENİZ (2007). A new approach for the detection and processing of seismic signals. Recent Advances in Space Technologies, 2007. RAST'07. 3rd International Conference on, 698-703., Doi: 10.1109/RAST.2007.4284083)
- ÜNSALAN İZZET DENİZ, İZET-ÜNSALAN Kunsel, JULIA Nicolae (2009). A conceptual study for a gas hydrate carrier ship. 2nd International Conference on Maritime and Naval Science and Engineering, 65-70.
- ÜNSALAN İZZET DENİZ, İZET-ÜNSALAN Kunsel (2011). A low cost alternative for satellites tethered ultra high altitude balloons. 5th International Conference on Recent Advances in Space Technologies - RAST2011, 13-16., Doi: 10.1109/RAST.2011.5966806
- ÜNSALAN İZZET DENİZ, , İZET-ÜNSALAN Kunsel (2017). Gravity-Driven Vortex Turbines for Small Scale Hydraulic Power Stations. IV. Uluslararası Su Kongresi, 296-301.
- ÜNSALAN İZZET DENİZ, , İZET-ÜNSALAN Kunsel (2015). Power from the two waters ways of energy harvesting from the mixing of saline and freshwater. 3rd International Water Congress

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- ÜNSALAN IZZET DENİZ, IZET-ÜNSALAN Kunsel (2015). A Reliable Alternative Energy Scheme Based upon Salinity Gradients Undersea Freshwater Chimneys. Tehnonav Conference 2015, 1, 37-40.

7.4. Books and sections in books published internationally

- Çeşmeci, N., Özkaynak, S., Ünsalan, D. (2013) The effects of crises on leadership, Technology and Financial Crisis, Economical and Analytical Reviews, pp.50-57
- Advances in Maritime and Naval Science and Engineering, Section:(Neural Networks Based Analysis of Ship Roll Stabilization) (2010)., ALARÇIN FUAT, ÇELEBI UGUR BUGRA, EKINCI, SERKAN, ÜNSALAN IZZET DENİZ, World Scientific and Engineering Acad and Soc., Editor: Panait, C., Barsan, E., Bulucea, A., Mastorakis, N., Long, C., Vol:1, p. 217, ISBN:978-960-474-222-6,
- ADVANCES IN MARITIME AND NAVAL SCIENCE AND ENGINEERING, Section:(The Risk of Occupational Safety and Health in Shipbuilding Industry in Turkey) (1900)., ÇELEBI UGUR BUGRA, EKINCI SERKAN, ALARÇIN FUAT, ÜNSALAN IZZET DENİZ, WORLD SCIENTIFIC AND ENGINEERING ACAD AND SOC, AG LOANNOU THEOLOGOU 17-23, 15773 ZOGRAPHOU, ATHENS, GREECE, Editor: Panait, C., Barsan, E., Bulucea, A., Mastorakis, N., Long, C., Vol 1, pp. 178, ISBN:978-960-474-222-6, Ingilizce(Arastırma (Tez Hariç) Kitabı),

7.5. Articles published in peer reviewed national journals

7.6 Papers delivered at national conferences and printed as proceedings



Other publications Patents

8. Projects directed and participated

- Safe and environmentally sound ship recycling SENSREC WP4 Curricula Training Strategy and Training Needs, Diger (Uluslararası), Arastırmacı, Birlesmis Milletler Denizcilik Örgütü (UN IMO), 09/09/2015 - 08/03/2016
- Deniz Arastırmaları Altyapısının Güçlendirilmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Arastırmacı:KÜÇÜKSEZGIN Filiz, Arastırmacı:GÜNAY Cem Ibrahim, Arastırmacı:ALTUNSARAY Erkin, Arastırmacı:ÜNLÜOGLU Aydın, Arastırmacı:YILMAZ Ferah, Arastırmacı:KONTAS Aynur, Yürütücü:ÖZEL Faik Erdeniz, Arastırmacı:TIRASIN Eyüp Mümtaz, Arastırmacı:ÜNSALAN İzzet Deniz, Arastırmacı:GÜRSEL KKadri Turgut, Arastırmacı:SAYIN Erdem, Arastırmacı:ÖNAL Mehmet, Arastırmacı:NESER Gökdeniz, Arastırmacı:TANER Mesut, 08/10/2015 - 08/04/2018
- GEMİ BAKIM ONARIM KIZAKLARININ DAYANIM ANALIZI, Diger kamu kuruları (Yükseköğretim Kurumları hariç), Yürütücü : GÜRSEL Kadri Turgut, Araştırmacı: NEŞER, Gökdeniz, Arastırmacı: ALTUNSARAY Erkin, Arastırmacı:ÜNSALAN İzzet Deniz, Arastırmacı:TANER Mesut, , 01/03/2016 - 09/01/2017
 - Ship Recycling, Avrupa Birliği, Arastırmacı, , 01/10/2013 - 30/09/2015

9. Administrative designations



Head,

Maritime Operations Department, Turkish Naval Academy, 1991-1994

Director, vocational College of Istanbul Technical University, 1995-1996

Dean, Faculty of Maritime Studies, Near East University, 1996-2003

10. Membership in scholarly institutions

11. Awards and grants

British Council Scholar, 1982-1983

12. Courses taught over the last two academic years

Academic Year	Term	Course Name	Hours/week		Number of Students
			Theoretical	Applied	
2018 - 2019	Fall	Ship Resistance and Propulsion(Graduate)	2	-	2
		Maritime English II	2	-	30
		Design of Machine Elements	3	-	10
		Materials Technology	2	-	10
	Spring				



GİRNE ÜNİVERSİTESİ

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2017 - 2018	Fall	Ship Resistance and Propulsion (Graduate)	2	-	2
		Ship Hydrodynamics (Graduate)	2	-	2
		Maritime English II	2	-	30
		Design of Machine Elements	3	-	10
		Materials Technology	2	-	10
		Heat Transfer	3	-	10
	Spring	Marine Engineering (Graduate)	2	-	2
		Engineering Economics (Graduate)	2	-	2
		Hydromechanics	2	-	20
		Fluid Mechanics	3	-	20
		Statics	2	-	20

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