

Prof. Serdar Kum

Personal Information

Birthyear: 1979

Place of birth: Istanbul

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Education Information

Doctorate, Kobe Üniversitesi, Japan 2005 - 2008

Post Graduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey 2002 - 2005

Under Graduate, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, Turkey 1997 - 2001

Foreign Languages

English

Certificates, Courses and Trainings

Education Management and Planning, Deniz Taşımacılığında Kaza Araştırması, Analiz ve Kök Nedenler, DNV-GL, 2014

Education Management and Planning, IMO Model Course 6.10, İTÜ Denizcilik Fakültesi, 2013

Education Management and Planning, LPG Tankers-Operational & Technical Overview, ABS Akademi, 2012

Education Management and Planning, AB Proje Önerisi Hazırlama Eğitimi, İstanbul Teknik Üniversitesi, 2009

Education Management and Planning, Training Certificate on Liquid Cargo Handling Simulator European, İTÜ Denizcilik Fakültesi, 2005

Education Management and Planning, Risk Analysis on Maritime Safety Management System, Kobe Üniversitesi, 2005

Education Management and Planning, IMO Model Course 6.09, İTÜ Denizcilik Fakültesi, 2004

Education Management and Planning, Training of the Company Security Officer Course, Class NK, 2003

Logistics, Training of the Advanced LNG Training, JICA-NYK Lines, 2003

Education Management and Planning, Training of the Trainer of Bridge Simulators, IMO Experts, 2003

Quality Management, National Training Course related with the International Safety Management, the Secretariat for Maritime Affairs and IMO, 2002

Dissertations

Doctorate, Mental Workload of Vessel Traffic Services Operator, Kobe Üniversitesi, 2008

Post Graduate, Petrol tankerlerinde risk değerlendirmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, 2005

Research Areas

Social Sciences and Humanities, Management, Management and Organization, Marine Management and Administration, Marine Sciences and Technology, Engineering and Technology

Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Deniz Ulaştırma Ve İşletme Mühendisliği, 2018 - Continues

Associate Professor, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2017 - 2018

Associate Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2012 - 2018

Assistant Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2009 - 2013

Research Assistant, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2001 - 2009

Professional Experience

KKTC Yükseköğretim Stratejik Belgesi Eylem Planı, Çalışma Grubu Üyesi, KKTC Milli Eğitim ve Kültür Bakanlığı ve YÖDAK, 2019 - 2021

Yükseköğretim Bilim Kurulu Üyesi, KKTC Milli Eğitim ve Kültür Bakanlığı, 2020 - 2020

Etik Komisyon Üyesi, YÖDAK, 2020 - 2020

Vice Rector, Istanbul Technical University, 2015 - 2020

Kurum Temsilcisi, Sivil Savunma, 2014 - 2020

ÜAK Üyesi, YÖDAK-ÜAK, 2013 - 2020

ÜAKK Üyeliği, YÖDAK, 2013 - 2020

Kurum Temsilcisi, YÖDAK, 2013 - 2020

Doktora Denklik Komisyon Üyeliği, YÖDAK, 2013 - 2020

KKTC Yükseköğretim Stratejik Planı, Çalışma Grubu Üyesi, YÖDAK ve ÜAKK, 2017 - 2019

Rector's Advisor, İstanbul Teknik Üniversitesi, İtü-Kkct Eğitim Araştırma Yerleşkesi, 2013 - 2015

Head of Department, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Ve İşletme Mühendisliği Anabilim Dalı, 2012 - 2015

University Executive Board Member, İstanbul Teknik Üniversitesi, İtü-Kkct, 2012 - 2013

Fakülte Yönetim Kurulu Üyesi, İstanbul Teknik Üniversitesi, İtü-Kkct Eğitim Araştırma Yerleşkesi, 2012 - 2013

Deputy Head of Department, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2009 - 2013

Program Koordinatörü, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2009 - 2012

Komisyon Üyeliği, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2009 - 2012

Courses

Ship Management and Leadership, Under Graduate, 2019 - 2020

Maritime Human Resources Management, Under Graduate, 2019 - 2020

Electronic Navigation, Under Graduate, 2018 - 2019

Advising Theses

Kum S., DENİZ TRAFİK OPERATÖRLERİ EĞİTİMİNDE STANDARDİZASYON, Doctorate, B.ERLEVENT(Student), Continues

Kum S., Türkiye "Tek pencere" denizcilik uygulamasının incelenmesi ve geliştirilmesi, Post Graduate, K.DİLBER(Student),

2019

Kum S., Bridge Safety Support System Development: Application to Tanker Ships, Doctorate, M.Hasan(Student), 2019

Kum S., TÜRKİYE'DE KOSTER GEMİ YÖNETİMİNİN GELİŞTİRİLMESİ ÜZERİNE BİR ÇALIŞMA, Post Graduate, M.Özkan(Student), 2018

Kum S., A Study on the Establishment of the VTS System at the TRNC, Post Graduate, M.Emin(Student), 2015

Kum S., A Qualitative Study on Investigation of Turkish Seafarers' Nutrition, Post Graduate, T.BOŞNAK(Student), 2015

Kum S., Fisheries in Turkish Republic of Northern Cyprus, Post Graduate, A.BEYOĞLU(Student), 2015

Kum S., Risk Assessment and Marine Accident Analysis in Ice Covered Waters, Doctorate, B.ŞAHİN(Student), 2015

Kum S., Employment of the Seafarers, Post Graduate, U.TEMEN(Student), 2015

Kum S., Türkiye'de kimyasal tanker işletmelerinin TMSA denetlerindeki uygulamaları ve sonuçları, Post Graduate, T.SAYIN(Student), 2014

Kum S., Marmara Bölgesi' ndeki deniz ve hava taşımacılığında kaynaklanan emisyon envanterinin oluşturulması ve hava kirliliğinin modellenmesi, Doctorate, A.KILIÇ(Student), 2013

Kum S., LRIT sisteminin deniz emniyeti ve güvenliğine olan etkilerinin analizi, Post Graduate, H.İbrahim(Student), 2013

Kum S., Gemi adamlarının işe alımı, eğitimi ve performans değerlendirmelerinin .net teknolojisi ile geliştirilmesi, Post Graduate, A.BİLİCİ(Student), 2012

Jury Memberships

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, June, 2019

Appointment Academic Staff, Appointment Academic Staff, Ordu Üniversitesi, June, 2019

Appointment Academic Staff, Yard.Doç.Dr. Kadrosuna Atanma, Girne Üniversitesi, January, 2019

Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, June, 2017

Appointment Academic Staff, Yard.Doç. kadro ataması, Girne Amerikan Üniversitesi, August, 2015

Appointment Academic Staff, Yard.Doç. kadro ataması, Girne Amerikan Üniversitesi, August, 2015

Program Developments

Kum S., Masters Without Thesis, Deniz Ulaştırma Yönetimi, 2014 - 2018

Kum S., Doctorate, Maritime Transportation Engineering, 2011 - 2013

Kum S., Masters With Thesis, Deniz Ulaştırma Mühendisliği, 2011 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Analysis of occupational accidents encountered by deck cadets in maritime transportation**
Uğurlu O., Kum S., Aydogdu Y. V.
Maritime Policy & Management, vol.44, pp.304-322, 2017 (Journal Indexed in SSCI)
- **Pilotage services in Turkey; key issues and ideal pilotage**
Uğurlu Ö., Kaptan M., Kum S., Yıldız S.
JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY, vol.16, pp.51-60, 2017 (Journal Indexed in SCI)
- **RISK ASSESSMENT OF ARCTIC NAVIGATION BY USING IMPROVED FUZZY-ABP APPROACH**
Şahin B., Kum S.
INTERNATIONAL JOURNAL OF MARITIME ENGINEERING, vol.157, pp.241-250, 2015 (Journal Indexed in SCI)
- **A root cause analysis for Arctic Marine accidents from 1993 to 2011**
Kum S., Şahin B.
SAFETY SCIENCE, vol.74, pp.206-220, 2015 (Journal Indexed in SCI)
- **Optimal ship navigation with safety distance and realistic turn constraints**
An I., Aksakalli V., AYDOĞDU V., Kum S.

Articles Published in Other Journals

- **Türk Koster İşletmeciliğinde “Üçüncü Taraf” ve “Tam Kurum İçi” Yönetimler arası Gemicilik Performans Endekslerine Dayalı Karşılaştırma**
Keleş M. Ö. , Kum S.
Journal of ETA Maritime Science (JEMS), vol.7, pp.65-77, 2019 (Refereed Journals of Other Institutions)
- **Safety Indications of Navigation Audit for Tankers to Develop a Bridge Inspection Method**
Altun M. H. A. , Kum S.
Journal of Computer and Communications, vol.7, pp.18-33, 2019 (Refereed Journals of Other Institutions)
- **Effects of Local Administrations in Maritime Transportation and Coastal Areas TRNC Case**
Öncü A., Bektaş G., Kum S.
Journal of ETA Maritime Science (JEMS), vol.4, pp.317-332, 2016 (Refereed Journals of Other Institutions)
- **A Qualitative Study on Nutrition of Turkish Seafarers**
Kum S., Boşnak T.
Journal of ETA Maritime Science (JEMS), vol.4, pp.135-147, 2016 (Refereed Journals of Other Institutions)
- **Turkish Republic of Northern Cyprus Vessel Traffic Services TRNC VTS**
Kum S., Debeş M. E.
Journal of ETA Maritime Science (JEMS), vol.4, pp.175-187, 2016 (Refereed Journals of Other Institutions)
- **A Survey on Ice Navigation Research**
Kum S., Şahin B.
Transactions of Navigation, vol.1, pp.23-28, 2016 (Refereed Journals of Other Institutions)
- **A study on "mobbing" in maritime field: a case study in the Turkish maritime industry**
Kum S., Ertas Y.
INTERNATIONAL MARITIME HEALTH, vol.67, pp.248-254, 2016 (Journal Indexed in ESCI)
- **Marmara Bölgesi ndeki Hava Kirliliğinin Modellenmesi Kirlilik Azaltımı ve Maruziyet Analizi**
Kılıç A., Kum S., Ünal A., Kırdap T.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, pp.27-46, 2014 (Refereed Journals of Other Institutions)
- **Fishing Activities in Turkish Republic of Northern Cyprus**
Debeş M. E. , Kum S., Beyoğlu A.
Marine Science and Technology Bulletin, vol.3, pp.15-19, 2014 (Refereed Journals of Other Institutions)
- **Route Selection Approach for Vessels in Ice Covered Waters**
Kum S., Şahin B.
Marine Science and Technology Bulletin, vol.3, pp.1-4, 2014 (Refereed Journals of Other Institutions)
- **Marine Accident Analysis by Using Pairwise Comparison**
Şenol Y. E. , ŞAHİN B., Kum S.
Journal of ETA Maritime Science (JEMS), vol.1, pp.59-64, 2013 (Refereed Journals of Other Institutions)
- **Deniz Emniyeti ve Güvenliğinde LRIT Sistemi**
Keskin H. İ. , Kum S.
Dokuz Eylül Üniversitesi Denizcilik Dergisi, vol.4, pp.47-57, 2012 (Refereed Journals of Other Institutions)
- **Questionnaire Survey on the Risk Perception in the Istanbul Strait**
Aydogdu V., Yurtören C., Kum S., Park J.
International Journal of Navigation and Port Research, vol.34, pp.517-523, 2010 (Refereed Journals of Other Institutions)
- **Assessment of VTS Operators Mental Workload by Using NASA Task Load Index**
Kum S., Furusho M., Fuchi M.
Journal of Japan Institute of Navigation, vol.118, pp.307-314, 2008 (Refereed Journals of Other Institutions)
- **Mental Workload of the VTS Operators by Utilising Heart Rate**

Kum S., Furusho M., Duru O., Satır T.

TransNav, the International Journal on Marine Navigation and Safety of Sea Transportation, vol.1, pp.145-151, 2007 (Refereed Journals of Other Institutions)

● **Analysing Navigators Eye Movements by Utilizing Eye Mark Recorder on the Ship Handling Simulator**

Kum S., Arslan Ö., Furusho M.

Journal of Japan Institute of Navigation, vol.115, pp.147-152, 2006 (Refereed Journals of Other Institutions)

● **Assessment Method for the Results of Radar and ARPA Simulator Training**

Satır T., Kum S., TOZAR B., POYRAZ Ö., Kuboto T., Kouguchi N.

Journal of Navigation: Revista del Instituto de Navegacion de Espana, vol.20, pp.20-30, 2004 (Refereed Journals of Other Institutions)

Books & Book Chapters

● **The Place of High Speed Crafts (HSCs) in Maritime Transportation**

Kum S., Kartoğlu C.

in: Handbook of Research on the Applications of International Transportation and Logistics for World Trade, Ceyhun, Gökçe Çiçek, Editor, Pennsylvania State University Press, Philadelphia (PA), USA, Pennsylvania, pp.258-287, 2020

● **I. Ulusal Gemi Trafik Hizmetleri Kongresi Kongre Kitabı**

Kum S., Aydogdu V., Şenol Y. E., Terzi H.

Print Center, İstanbul, 2014

● **Vessel Traffic Services (VTS) and VTS Personnel: Mental Workload of VTS Operator**

Kum S., Furusho M.

Lap Lambert Academic Publishing, Saarbrücken, 2014

● **Mental Workload of the VTS Operators by Utilising Heart Rate**

Kum S., Furusho M., Duru O., Satır T.

in: Monograph of TransNav' 2007, Advances in Marine Navigation and Safety of Sea Transportation, Adam Weintrit, Editor, Crc Press Book, Gdynia, pp.145-150, 2007

Refereed Congress / Symposium Publications in Proceedings

● **Overview of Maritime Safety and Research on AIS Implementation in Turkey: Introduction of Eurostars Project of i-Sea**

Kum S., Ertaş A. Y., Şenol Y. E.

2nd Maritime Safety International Conference (MASTIC), Responding to Future's Technological Challenges and Safety Operation at Sea and Environmental Protection, Surabaya, Indonesia, 18 July 2020, pp.7

● **Assessment of Electronic Navigation Equipment's Effect to Mental Workload by Utilising Revised NASA Task Load Index**

Kartoğlu C., Kum S.

12th International Conference on Marine Navigation and Safety of Sea Transportation, Gdynia, Poland, 21 - 23 July 2017, pp.23-28

● **Türkiye nin Kılavuz Kaptan Profili ve Kılavuzluğunun Temel Sorunları**

UĞURLU Ö., KAPTAN M., KUM S.

Kılavuzluk/Römorkörcülük Hizmetleri ve Teknolojileri Kongresi I, Turkey, 23 - 25 October 2015

● **Kılavuz Kaptan ve Römorkör Kaptanı Eğitimlerinde Römorkör Simülatörü Kullanımının Avantajları Üzerine Bir Çalışma**

AYDOĞDU Y. V., YURTÖREN C., KUM S., ŞENOL Y. E., ŞAHİN O. A.

Kılavuzluk/Römorkörcülük Hizmetleri ve Teknolojileri Kongresi I, Turkey, 23 - 25 October 2015

● **Türkiye de Römorkörcülük Hizmetlerine Genel Bakış**

kazım B., KUM S.

Kılavuzluk/Römorkörcülük Hizmetleri ve Teknolojileri Kongresi I, Turkey, 23 - 25 October 2015

A Study on Benefits of Utilizing Tug Boat Simulator for Pilot and Tug Master Training

AYDOĞDU V., Yurtören C., Kum S., Şenol Y. E. , Şahin O. A.

I. Ulusal Kılavuzluk ve Römorkaj Kongresi, İzmir, Turkey, 23 October 2015, pp.141-142

Overview of the Tugboat Services in Turkey

BAKAN K., Kum S.

I. Ulusal Kılavuzluk ve Römorkaj Kongresi, İzmir, Turkey, 23 October 2015, pp.51-60

Profile of Marine Pilots in Turkey and Basic Problems in Pilotage

UGURLU O., kaptan m., Kum S.

I. Ulusal Kılavuzluk ve Römorkaj Kongresi, İzmir, Turkey, 23 October 2015, pp.1-9

MARITIME TRAFFIC ANALYSIS OF THE IZMIT BAY BY IWRAP

Yurtören C., Şahin O. A. , AYDOĞDU Y. V. , Kum S., Şenol Y. E.

Proceedings of 16th International Association of Maritime Universities Annual General Assembly, 7 - 10 October 2015, pp.381-391

The Results of PAWSA Application in Izmit Bay

Kum S., AYDOĞDU V., Şenol Y. E. , ŞAHİN B., EYİĞÜN Ö.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.25-30

Türk Deniz Trafik Operatörleri Eğitim Standartları Üzerine Bir Çalışma

Erlevent B., KUM S.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.41-46

KKTC de GTH Sistemi Kurulmasına İlişkin Bir Çalışma

DEBEŞ M. E. , KUM S., BOŞNAK T.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.15-23

Establishment of the VTS at the TRNC

debeş m. e. , Kum S., boşnak t.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.15-23

Deniz Trafik Hizmetlerinin Planlamasında Yeni Bir Vizyon Geliştirilmiş Seyir Konsepti

YALÇIN E., AKSOY S., AYDOĞDU Y. V. , KUM S.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, Turkey, 8 - 09 December 2014, pp.171

A Study on Education Standards of Turkish Marine Traffic Operators

ERLEVENT B., Kum S.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.41-46

New Vision on Planning of Maritime Traffic Services: E-Navigation

Yalçın E., Aksoy S., AYDOĞDU V., Kum S.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.171

Human Errors on Chemical Tanker Loading Discharging Operations

Altun M. H. A. , Kum S., Çiçek İ.

IAMU AGA-15, Tazmanya, Australia, 27 - 30 October 2014

Investigation of VTSOs Mental Workload

KUM S., Çehreli T., BAŞ M., YURTÖREN C.

12th International Symposium on VTS – “Beyond the Limits”, 10 September 2012 - 14 September 2014

Fishing Activities in Turkish Republic of Northern Cyprus

Debeş M. E. , Beyoğlu A., KUM S.

1st International Symposium on Aquatic Sciences and Technology, 15 - 17 May 2014, pp.60

Transportation Infrastructure and Management for Istanbul

ŞAHİN B., KUM S., AYDOĞDU Y. V. , AKSAKALLI V.

Standardizasyonun Küresel Ekonomiye Etkileri, 25 - 26 November 2013, pp.735-736

Kıyı Taşımacılığı yapan bir Filo için Koster Seçimi Karar Analizi

ŞENOL Y. E. , ŞAHİN B., KUM S.

V. Ulusal Denizcilik Kongresi, Turkey, 11 - 13 November 2013

● **Buzlu Sularda Rota Belirlemede Karar Analizi**

ŞAHİN B., ŞENOL Y. E. , KUM S.

V. Ulusal Denizcilik Kongresi, Turkey, 11 - 13 November 2013

● **A Survey Study on Ice Navigation Research**

SAHIN B., Kum S., AKSAKALLI V., AYDOĞDU V.

Proceedings of Asia Navigation Conference, 24 - 26 October 2013, pp.27-34

● **A Novel Approach for Selecting Navigation Route in the Arctic Region**

ŞAHİN B., KUM S., BULUT E., DURU O.

6th International Conference of the Asian Shipping and Logistics, ICASL 2013, 30 - 31 August 2013, pp.469-486

● **Coaster Fleet Design and Selection in the Coastal Maritime Transport**

ŞENOL Y. E. , ŞAHİN B., KUM S., AYDOĞDU Y. V. , DURU O., GÜNEŞ E.

the International Institute of Industrial Engineers (IIE) Conference, 26 - 28 June 2013, pp.47

● **Marine accident analysis by using pairwise comparison**

ŞAHİN B., KUM S., AYDOĞDU Y. V. , DURU O.

10th Jubilee International Conference Transnav 2013 on Marine Navigation and Safety of Sea Transportation, 19 - 21 June 2013

● **An Application Tool to Analyse the Operational Ship Voyage Performance**

Bilici A., KUM S., ARSLAN Ö.

People-to-people exchange between Japan and Turkey tied with ocean, 6 - 13 November 2012

● **A Study on Determination of Minimum Tug Boat Assistance for Direct Passage of a Large Vessel through the Istanbul Strait**

Yurtören C., Kum S., Kum S., AYDOĞDU V., AKSAKALLI V.

Proceedings of Asia Navigation Conference, 8 - 10 November 2012

● **Marine Accident Analysis at Ahirkapi Anchorage Area in Southern Entrance of the Istanbul Strait**

AYDOĞDU Y. V. , KUM S., YURTÖREN C., ENES P., SANAL T.

Proceedings of Asia Navigation Conference, 8 - 10 November 2012

● **Ship based Risks in the Port Construction Projects**

YURTÖREN C., KUM S., SATIR T., AYDOĞDU Y. V.

10th International Congress on Advances in Civil Engineering, 17 - 19 October 2012

● **A Decision Making Human Resource Information Management System for Ship Management**

BİLİCİ A., KUM S., ARSLAN Ö.

Proceedings of IAMU (International Association of Maritime Universities) AGA-13, 15 - 17 October 2012, pp.237-246

● **Efficiency of Communication and English Language Usage in Narrow Waterways**

Ertaş A. Y. , KOLDEMİR B., Kum S.

5th International Conference on Maritime Transportation (MT'12), 27 - 29 June 2012, pp.201-212

● **Comparison of the One Way and Two Way Traffic Implementations in the Istanbul Strait**

AYDOĞDU Y. V. , YURTÖREN C., KUM S., AKSOY S.

People-to-people exchange between Japan and Turkey tied with ocean (international project), "Effective utilization of ocean resources and Future maritime industries" (international symposium), 2 - 11 November 2011

● **A Study on Female Students Sea Women**

KUM S.

People-to-people exchange between Japan and Turkey tied with ocean (international project), "Effective utilization of ocean resources and Future maritime industries" (international symposium), 2 - 11 November 2011

● **Novel Approach to Assess Safety Concept of the LNG Carriers for Loading Unloading Operations**

KALENDER S. S. , Kum S., Güler A. N.

Proceedings of The First Global Conference on Innovation in Maritime Technology and the Future of Maritime Transportation, 24 - 26 November 2010, pp.425-432

● **21th International Conference on College Teaching and Learning**

Satr T., Ertaş A. Y. , Baş M., Kum S.

Effective simulation training in the Maritime Education, Jacksonville, United States Of America, 19 April - 23 October

2010, pp.73-81

● **Learning Maritime English SMCP Measured Against Abridged**

Meegan G., Kum S., FURUSHO M.

Proceedings of IAMU (International Association of Maritime Universities) AGA-11, 15 - 18 October 2010, pp.307-314

● **Effective Simulation Training in Maritime Education**

Satır T., Baş M., Ertaş A. Y. , Kum S.

Turkish Studies in Higher Education, 15 - 17 September 2010, vol.73

● **A Study on Risk Perception at the Istanbul Strait**

AYDOĞDU V., PARK Y., Kum S., Yurtören C., Park J.

Proceedings of Asia Navigation Conference, 19 - 21 November 2009, pp.201-208

● **A Comparative Experimental Study on Gender Differences by Utilising Bridge Simulator depends on Different Meeting Situations of Vessel**

Satır T., Yurtören C., Kum S., Baş M.

International Multidisciplinary Women's Congress, İzmir, Turkey, 13 - 16 October 2009, pp.70

● **Experimental Study on Gender Differences by Utilising Bridge Simulator**

Kum S., Satır T., Baş M., Yurtören C.

International Multidisciplinary Women's Congress, 13 - 16 October 2009, vol.3, pp.293-299

● **Evaluation of Service Level of Major Turkish Container Ports**

KEÇELİ Y., Kum S., GÜNAY G.

IAMU 10th Annual General Assembly and Conference, 19 - 21 September 2009, pp.370-377

● **Integrated Simulator Trainings**

Satır T., Kum S., FURUSHO M., Ertaş A. Y. , Takemoto T.

Proceedings of 17th IMLA (International Maritime Lecturers' Association) Conference, 7 - 10 September 2009, pp.180-186

● **Maritime English in Six 90 Minute Lesson**

Meegan G., Kum S., FURUSHO M.

Proceedings of 17th IMLA Conference, 7 - 10 September 2009, pp.224-228

● **Navigators Workload during the Passage of VTS Areas**

Kum S., Baş M., FURUSHO M., Yurtören C., YANO Y.

Proceedings of 17th IMLA Conference, 7 - 10 September 2009, vol.204

● **Investigation on the Factors of VTS Operators Mental Workload Case of Japanese Operators**

Kum S., FURUSHO M.

Proceedings of Asia Navigation Conference, 13 - 15 November 2008, pp.242-255

● **Investigation on the Factors of VTS Operators Mental Workload Case of Turkish Operators**

KUM S., Furusho M., Iwasaki H.

16th IMLA (International Maritime Lecturers' Association) Conference, "Safety, Security and Quality Objectives of MET Institutions", 14 - 17 October 2008, pp.335-345

● **SHIPBOARD ENGLISH for Non Native Students The Kobe Abridged SMCP**

Kum S., Meegan G.

Proceedings of 16th IMLA Conference, 14 - 17 October 2008, pp.183-188

● **VTS Operators Eye Movements**

Kum S., FURUSHO M., Fuchi M.

Proceedings of IAMU AGA-8, 17 - 19 September 2007, pp.233-246

● **Field Factor in the Sea Traffic Related Human Factors**

FURUSHO M., Kum S., Fuchi M.

Proceeding of 26th Session of the CIE, 4 - 11 July 2007, vol.2, pp.46

● **Mental Workload of the VTS Operators by Utilising Heart Rate**

KUM S., Furusho M., DURU O., SATIR T.

Monograph of TransNav' 2007, "Advances in Marine Navigation and Safety of Sea Transportation", Edited by Adam Weintrit, 20 - 22 June 2007, vol.4, pp.145-150

- **Analysing of Maritime Accidents by Approaching Method for Minimizing Human Error**
Kum S., Fuchi M., FURUSHO M.
IAMU AGA-7, "Globalization and MET", 16 - 18 October 2006, vol.2, pp.392-409
- **Proficiency Level of Look out Based on the Experimental Study Utilizing Ship Handling Simulator**
Furusho M., KUM S., Aoyama N.
Industry Labour Traffic Ophthalmology Congress, 10 December 2005, vol.5, pp.42
- **Evaluating sea experience with an eye mark recorder in a Ship Handling Simulator**
Arslan Ö., FURUSHO M., Kum S.
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Kum S., H2020 Project, Towards an Intermodal Transport Network through innovative research driven clusters in Regions of organised and competitive knowledge InTraRegio Transportation and Logistics Cluster of East Marmara TRaceM EU FP7 286975, 2011 - 2014

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Kum S., Other Supported Projects, Kobe University IMERC International Maritime Education and Research Centre Asian Maritime Education and Research Cluster, 2007 - 2010

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Kum S., Other Supported Projects, JICA ITUMF Project on Improvement of Maritime Education in Turkey, 2000 - 2005

Activities in Scientific Journals

Turkish Journal of Maritime and Marine Sciences (TRJMMS), Publication Committee Member, 2018 - Continues

Publication Committee Member, 2015 - 2020

Journal of Eta Maritime Science, Editor, 2014 - 2020

13th International Conference on "Marine Navigation and Safety of Sea Transportation" TransNav 2019, Evaluation Committee Member, 2019 - 2019

Committee Member, 2013 - 2019

Memberships / Tasks in Scientific Organizations

Member, 2005 - 2018

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Scientific Refereeing

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Araştırma Görevlilerine Yurt Dışı Desteği, Foundation, 2007 - 2008

Denizci Akademisyenlerin Doktora Eğitimlerinin Desteklenmesi, Foundation, 2005 - 2008

Doktora eğitim bursu, Official Institutions of Foreign Countries, 2005 - 2008

Denizci Akademisyenlerin Y. Lisans Eğitimlerinin Desteklenmesi, Foundation, 2003 - 2005

Awards

Kum S., Güverte Bölümü ve Fakülte Birinciliği, İTÜ Denizcilik Fakültesi, June 2001