

CURRICULUM VITAE

Name, Surname: Dogan, Kisacik
Date and Place of Birth: 06.06.1975 / Malatya - Turkey
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EDUCATION

Jan. 2007 –April 2012 PhD Degree in Coastal Engineering, Ghent University (UGent), Ghent/BELGIUM, “*Loading conditions due to violent wave impacts on coastal structures with cantilever surfaces*”
Oct. 2004 – Dec. 2006 PhD Degree in Coastal Geosciences (uncompleted), Technical University of Hamburg-Harburg (TUHH), Hamburg/GERMANY, “*Prediction of Bedforms Affected by Waves and Currents*”
Sept. 2002 - July 2004 Master Degree in Coastal Geosciences and Engineering, Christian-Albrechts University of Kiel (CAU), Kiel/GERMANY, “*Investigation of the Effect of Wind Park Structures Using non Resolved Grids*”
Sept. 1996 - June 2001 Bachelor Degree of Civil Engineering, Middle East Technical University (METU), Ankara/TURKEY

SCHOLARSHIPS AND AWARDS

Sept. 2002-Aug. 2003 Educational Support Scholarship of Kiel University for Studying in the Coastal Geosciences and Engineering Master Program, Kiel/GERMANY
1996-2001 The Scholarship of MNG Holding for Civil Engineers, Ankara/TURKEY
December 1994 Third Degree Reward of Physics Olympiad, Scientific and Technical Research Council of Turkey (TUBITAK), Ankara/TURKEY

LANGUAGES

English (Upper advance in writing, speaking and reading)
Dutch (beginner level)

RELEVANT SKILLS

Programming power in Matlab
Programming power in Labview
Working knowledge of software complex NAMI-DANCE for the calculation of tsunami waves
Working knowledge of Delft3D Hydrodynamic Modelling Program
Working knowledge of NSE solver Comet Hydrodynamic Modelling Program
Working knowledge of Wavelab designed for wave data acquisition and analysing
Working knowledge of IDRISI Geographic Analysis and Image processing Program
Working knowledge of AUTOCAD

WORK EXPERIENCE

January 2021-	Assistant Professor, Izmir institute of Technology, Department of Civil Engineering, Izmir / Turkey
February 2013- January 2021	Lecturer doctor, Dokuz Eylül University Institute of Marine Science and Technology, Izmir / Turkey
October 2019 – January 2020	Post-doctoral researcher, University of Florence, Laboratory of Maritime Engineering, Via. Di Santa Marta 3, 50139, Florence / Italy
August 2018 - November 2018	Post-doctoral researcher, Flanders Hydraulics Research Institute (FHR), Antwerp / Belgium
Sept. 2012- Feb. 2013	Post-doctoral researcher, Middle East Technical University (METU), Ankara/TURKEY
Jan. 2007 – June 2012	Research and Teaching Assistant, Ghent University (UGent), Ghent/Belgium
July 2005 –May 2006	Research Assistant, Simulation of Water Column Hydrodynamics by Benthic Chambers, Founded by German Federal Ministry of Education and Research, Technical University of Hamburg-Harburg, Hamburg/GERMANY
Sept. 2004 - June 2005	Research Assistant; Project on Bedforms under Combined Flow, Technical University of Hamburg-Harburg, Hamburg/GERMANY
May 2004 – July 2004	Student Assistant; Project on Hydrodynamic Numerical Modelling of Bahrain Coasts, Christian-Albrechts University of Kiel, Kiel/GERMANY
September 2001 – Aug. 2002	Research Assistant, Assistant for publishing 'NATO Science Series Book on Underwater Ground Failures on Tsunami Generation, Modelling, Risk and Mitigation', NATO Advanced Research Workshop NATO.EST.ARW.977541 by co-direction of Dr. Yalciner, Assistant for preparation of 'Web Site and Meeting of Nation Wide Administrative Meeting of Turkish Civil Engineering Sector for Project Discussions', Assistant for preparation of 'Symposium of Ninth International Symposium on Natural and Human made Hazards on Disaster Mitigation in the Perspective of the New Millennium', Project on 'Historical Earthquakes and Associated Tsunamis in the Vicinity of Anatolia, funded by Scientific and Technical Research Council of Turkey', Project on 'The Development of Tsunami Propagation Models for the Seas around Turkey', Middle East Technical University, Ankara/TURKEY

PROJECTS

INTERNATIONAL LEVEL PROJECTS

Project No	Funded By	Function	Project Name	Duration	Budget (TL)
Antwerp	CREST				
CA1705	COST Action	Management Committee	A pan-European Network for Marine Renewable Energy with a focus on Wave Energy	13.04.2018 13.04.2021	
HYDRALAB+	EU-H2020	Researcher	PROTEUS European Hydralab+ Project PRotection of Offshore Wind Turbine MonopolEs Against Scouring	2018 2021	
MaRINET2 1193	EU-H2020	Researcher	Efficiency and survivability of floating OWC moored to the seabed (EsfLOWC) (MaRINET2 Offshore Renewable Energy Testing)	01.08.2017 01.08.2019	-
FP7- ENV2013 6.4-3 603839	EU-FP7	Researcher	Assessment, STrategy And Risk Reduction for Tsunamis in Europe ((ASTARTE) (ASTARTE is a collaborative project within the FP7-ENV2013 6.4-3)	01.11.2013 31.10.2016	633,120
HYDRALAB III	EU-FP6	Researcher	Loads on entrance platforms for offshore wind turbines	01.01.2008 01.01.2010	
113M556	CONCERT-Japan	Researcher	Risk Assessment and design of Prevention Structures fOr enhanced tsunami DIsaster resilience (RAPSODI)	01.07.2013 01.07.2015	240.000

NATIONAL LEVEL PROJECTS

Project No	Funded By	Function	Project Name	Duration	Budget (TL)
SBO 150028	Flemish Agency for Innovation by Science and Technology	Researcher	CREST - Climate REsilient coaST	01.11.2015 31.10.2019	
115Y722	The Scientific and Technological Research Council of Turkey TUBITAK	Coordinator	Evaluation of short term bedforms at river-sea interaction areas: Gediz and B. Menderes Rivers examples	01.04.2016 01.04.2018	361.015
2016.KB.FEN.014	Dokuz Eylul University	Coordinator	Hydraulic Performance of a Combined Stilling Wave Basin and a Vertical Sea Wall under Storm Conditions	20/07/2016 20/01/2018	47.648,00
DBTE 216	T.C. Ministry of Environment and Urbanism	Researcher	Establishing Environmentally Friendly Sustainable Environment Friendly Fish Farms System	31/10/2013 25/06/2015	1.250,000
DBTE 220	Izmir Metropolitan Municipality	Researcher	Monitoring of Izmir Bay with Real-Time Current and Sediment Transport Modelling Programme	30/06/2014 30/06/2016	450,000

Experiences in Physical model tests

May-June 2018,	Conduct physical model tests to investigate the protection of offshore wind turbine monopoles against scouring, HR Wallingford, Wallingford/United Kingdom
June 2017, January 2018,	Conduct physical model tests to investigate wave overtopping under non-linear waves, Ghent University, Ghent/Belgium
November 2017,	Conduct physical model tests to investigate the efficiency and survivability of floating OWC moored to the seabed, Florence University, Florence/Italy
May 2015, December 2016,	Conduct physical model tests to investigate wave overtopping on a vertical wall with Stilling Wave Basin, Middle East Technical University, Ankara/Turkey
July 2014,	Conduct physical model tests to investigate the performance of rubble mound breakwaters under tsunami attack, Technical University of Braunschweig, Braunschweig/Germany
November 2009	Conduct large scale physical model tests to investigate the wave loads on entrance platforms for offshore wind turbines, Forschungszentrum Küste (FZK) in the Leibniz University of Hannover/Germany
April 2009, December 2010,	Conduct physical model tests to investigate wave impact pressures on the vertical structures, Ghent University, Ghent/Belgium
July 2003,	Conduct physical model tests to flow around circular cylinder, hristian-Albrechts University of Kiel (CAU), Kiel/GERMANY

Experiences in numerical models

2013	NAMI-DANCE Tsunami Modelling Software: Simulation of tsunami propagation on various Turkish Aegean coasts, Middle East Technical University, Ankara/Turkey
2006	Navier-Stokes equation solver COMET: Simulation of Water Column Hydrodynamics by Benthic Chambers, Technical University of Hamburg-Harburg, Hamburg/GERMANY
2004	Delft3D-FLOW Module: Large scale domain: Hydrodynamic Numerical Modelling of Bahrain Coasts, Small scale domain: Simulation of flow field around a vertical pile, Christian-Albrechts University of Kiel, Kiel/GERMANY

Conducted Master thesis

- İzmir İç Körfezde Firtina Zamanlarında Oluşan Deniz Taşkınlarının Araştırılması ve Bu Taşkınların Önlenmesi Üzerine Araştırmalar, Banu BENLİ KELEŞ, Dokuz Eylül University Institute of Marine Sciences and Technology, 2019

PUBLICATIONS

A-Index Papers:

A1_a: not produced from graduate school studies

1. Dogan Kisacik, Vasiliki Stratigaki, Minghao Wu, Lorenzo Cappiotti, Irene Simonetti, Peter Troch, Alejandro Crespo, Corrado Altomare, José Domínguez, Matthew Hall, Moncho Gómez-Gesteira, Ricardo Birjukovs Canelas and Peter Stansby, 2020, "Efficiency and Survivability of a Floating Oscillating Water Column Wave Energy Converter Moored to the Seabed: An Overview of the EsFLOWC MaRINET2 Database", *Water* 2020, 12(4), 992; <https://doi.org/10.3390/w12040992>
2. **Dogan Kisacik**, Gulizar Ozyurt Tarakcioglu, Cuneyt Baykal, 2019 "Stilling wave basins for overtopping reduction at an urban vertical seawall – The Kordon seawall at Izmir", *Ocean Engineering* 185 (2019) 82–99
3. Carlos Emilio Arboleda Chavez, Vasiliki Stratigaki, Minghao Wu, Peter Troch, Alexander Schendel, Mario Welzel, Raúl Villanueva, Torsten Schlurmann, Leen De Vos, **Dogan Kisacik**, Francisco Taveira Pinto, Tiago Fazeres-Ferradosa, Paulo Rosa Santos, Leen Baelus, Viktoria Szengel, Annelies Bolle, Richard Whitehouse and David Todd, 2019, "Large-Scale Experiments to Improve Monopile Scour Protection Design Adapted to Climate Change—The PROTEUS Project", *Energies* 2019, 12(9), 1709; <https://doi.org/10.3390/en12091709>
4. González-Cao, J.; Altomare, C.; Crespo, A.J.C.; Domínguez, J.M.; Gómez-Gesteira, M.; **Kisacik, D.**, 2018, "Efficiency and reliability of DualSPHysics for the assessment of wave impact on sea walls with horizontal cantilever slab, January 2019 *Computers & Fluids*, DOI: 10.1016/j.compfluid.2018.11.021
5. C. B. Harbitz; Y. Nakamura; T. Arikawa; C. Baykal; G. G. Dogan; R. Frauenfelder; S. Glimsdal; H. G. Guler; D. Issler; G. Kaiser; U. Kânoğlu; **D. Kisacik**; A. Kortenhaus; F. Løvholt; Y. Maruyama; S. Sassa; N. Sharghivand; A. Strusinska-Correia; G. O. Tarakcioglu; A. C. Yalciner, 2016, "Risk Assessment and Design of Prevention Structures for Enhanced Tsunami Disaster Resilience (RAPSODI)/ Euro-Japan Collaboration", *Coastal Engineering Journal*, Vol. 58, No. 4 (2016) 1640012 (37 pages), DOI: 10.1142/S057856341640012X

A1_a: produced from graduate school studies

1. **Kisacik, D.**; Ozyurt, G; Troch, P.; 2017, "Hydrodynamic conditions in front of a vertical wall with an overhanging horizontal cantilever slab" *Journal of Ocean University of China*, December 2017, Volume 16, Issue 6, pp 978–990, DOI 10.1007/s11802-017-3197-8
2. **Kisacik, D.**; Ozyurt, G; Troch, P.; 2016, "Wave-induced uprush jet velocity on a vertical structure", *Ocean Engineering*, Volume 127, November 2016, Pages 103–113, <http://dx.doi.org/10.1016/j.oceaneng.2016.09.016>
3. **Kisacik, D.**; Troch, P.; Van Bogaert, P.; Caspeele R., 2014, "Investigation of uplift impact forces on a vertical wall with an overhanging horizontal cantilever slab", *Coastal Engineering*, Volume 90, August 2014, Pages 12–22, <https://doi.org/10.1016/j.coastaleng.2014.04.011>
4. **Kisacik, D.**; Troch, P.; Van Bogaert, P., 2012b, "Experimental study of violent wave impact on a vertical structure with an overhanging horizontal cantilever slab", *Ocean Engineering*, Volume 49, August 2012, Pages 1–15, <https://doi.org/10.1016/j.oceaneng.2012.04.010>
5. **Kisacik, D.**; Troch, P.; Van Bogaert, P., 2012a, "Description of loading conditions due to violent wave impacts on a vertical structure with an overhanging horizontal cantilever slab", *Coastal Engineering*, Volume 60, February 2012, Pages 201–226, <https://doi.org/10.1016/j.coastaleng.2011.10.001>

B-Book Chapters:

1. Müller, V.; Seibel, A.; **Kisacik, D.**; Gust, G. (2007) "Simulation of Water Column Hydrodynamics by Benthic Chambers". Chapter 3.3 in B. Westrich and U. Förstner (Eds.) *Sediment Dynamics and Pollutant Mobility in Rivers: An Interdisciplinary Approach*, Springer Berlin Heidelberg, pp: 90–99, 2007, ISBN 978-3-540-34782-8

C1-International Conferences papers: Published in Conference Proceedings

C1_a: not produced from graduate school studies

1. Vincent Gruwez, Ine Vandebeek, **Dogan Kisacik**, Maximilian Streicher, Corrado Altomare, Tomohiro Suzuki, Toon Verwaest, Andreas Kortenhaus, Peter Troch, 2018, "2D Overtopping and Impact Experiments in Shallow Foreshore Conditions, **In Proceeding of:** 36th International Conference on Coastal Engineering (ICCE), Temmuz 30-August 3, 2018, Baltimore – US, <https://doi.org/10.9753/icce.v36.papers.67>
2. Minghao Wu, Vasiliki Stratigaki, Tim Verbrugge, Peter Troch, Corrado Altomare, Alejandro Crespo, **Dogan Kisacik**, Lorenzo Cappiotti, Jose Dominguez, Matthew Hall, Moncho Gomez-Gesteira, Peter Stansby, Ricardo Birjukovs Canelas, Rui Ferreira, "Experimental study of motion and mooring behavior of a floating oscillating water column wave energy converter", **In**

Proceeding of: 7th International Conference on the Application of Physical Modelling in Coastal and Port Engineering and Science (Coastlab18), Santander, Spain, May 22-26, 2018

3. Vincent Gruwez, Ine Vandebek, **Dogan Kisacik**, Maximilian Streicher, Corrado Altomare, Tomohiro Suzuki, Toon Verwaest, Andreas Kortenhaus, Peter Troch, 2018, "2D experiments of wave dynamics in front of and over a sea dike with a very shallow foreshore", **In Proceeding of:** 7th International Conference on the Application of Physical Modelling in Coastal and Port Engineering and Science (Coastlab18) Santander, Spain, May 22-26, 2018,
4. A.J.C. Crespo, J.M. Domínguez, M. Gómez-Gesteira, M. Hall, C. Altomare, M. Wu, T. Verbrugghe, V. Stratigaki, P. Troch, **D. Kisacik**, I. Simonetti, L. Cappietti, R.B. Canelas, R.M.L. Ferreira, P. Stansby, 2018, "Survivability of floating moored offshore structures studied with DualSPHysics", **In Proceeding of:** 13th SPHERIC International Workshop in Galway, 26-28 June 2018
5. Frigaard, P.; Andersen, T. L.; Ramirez, J. R. R.; Sørensen, S. P. H.; Martinelli, L.; Lamberti, A.; Troch, P.; de Vos, L.; **Kisacik, D.**; Stratigaki, V.; Zou, Q.; Monk, K.; Vandamme, J.; Damsgaard, M. L.; Gravesen, H. (2010) "Loads on entrance platforms for offshore wind turbines", **In Proceeding of:** HYDRALAB III Joint User Meeting, Hannover-Germany, February 2010

C1_b: produced from graduate school studies

1. **Kisacik, D.**, & Troch, P. (2014), "The influence of an existing vertical structure on the inception of wave breaking point", **In Proceeding of:** 34th International Conference on Coastal Engineering (ICCE), structures 54, June 15-20 2014, Seoul – Korea, <https://doi.org/10.9753/icce.v34.structures.54>
2. **Kisacik, D.**; De Backer, H.; Van Bogaert, P. (2013), "Structural Response due to Violent Wave Impacts on a Vertical Structure with a Cantilevering Slab", **In Proceeding of:** International IABSE Conference (Assessment, Upgrading and Refurbishment of Infrastructures), Rotterdam May 6 - 8, 2013
3. **Kisacik, D.**; Troch, P.; Van Bogaert, P. (2012) "Experimental study of pressure distributions due to the breaking wave impacts", **In Proceeding of:** 33rd International Conference on Coastal Engineering (ICCE), No 775 (2012), July 1-6 2012, Santander – Spain, <https://doi.org/10.9753/icce.v33.structures.77>
4. **Kisacik, D.**; Troch, P.; Van Bogaert, P. (2010) "Experimental results of breaking wave impact on a vertical wall with an overhanging horizontal cantilever slab", **In Proceeding of:** 32nd International Conference on Coastal Engineering (ICCE), No 32 (2010), 30 June – 5 July 2010, Shanghai – China, <https://doi.org/10.9753/icce.v32.structures.26>
5. **Kisacik, D.**; Troch, P.; Van Bogaert, P. (2010) "Breaking Wave Impact on a Vertical Wall with an Overhanging Horizontal Cantilever Slab: Irregular Waves", **In Proceeding of:** 3rd International Conference on the Application of Physical Modelling to Port and Coastal Protection (CoastLab10), 28 September - 1 October 2010, Barcelona – Spain
6. **Kisacik, D.**; Verleysen, P.; Van Bogaert, P.; Troch, P. (2010) "Comparative study on breaking wave forces on vertical walls with cantilever surfaces", **In Proceeding of:** The Twentieth (2010) International Offshore and Polar Engineering Conference (ISOPE), pp:888-894, 20-26 June 2010, Beijing - China, ISBN 978-1-880653-77-7
7. **Kisacik, D.**; Van Bogaert, P.; Troch, P.; Van Slycken, J.; Verleysen, P. (2009) "Experimental results of loading conditions due to violent wave impacts on coastal structures with cantilever surfaces", **In Proceeding of:** 2nd International Conference on the Application of Physical Modelling to Port and Coastal Protection (CoastLab08), pp:587-598, 2 - 5 July 2008, Bari-Italy

C2-International Conferences papers: Published in Book of Abstracts

C2_a: not produced from graduate school studies

1. **Kisacik, D.**, Tarakcioglu, G.O., Baykal, C., Kaboglu, G. 2018, "Vertical sea wall crest modifications for overtopping", In Book of Abstract: 36th International Conference on Coastal Engineering (ICCE), Temmuz 30-August 3, 2018, Baltimore – US, <https://doi.org/10.9753/icce.v36.structures.71>
2. Müller, V.; Seibel, A.; **Kisacik, D.**; Gust, G. (2006) "Simulation of Water Column Hydrodynamics by Benthic Chambers", **In Book of Abstracts:** International Symposium on Sediment Dynamics and Pollutant Mobility in River Basins (SEDYMO International 2006), 26 - 29 March 2006, Hamburg-Germany
3. S. Oguz Kaboglu, **D. Kisacik** and G. Kaboglu, 2017, "Descriptions of field measurements for bedforms under combined flow at Gediz and B. Menderes river mouths", **In Book of Abstracts:** 10th Symposium on River, Coastal and Estuarine Morphodynamics (RCEM 2017), 15-22 September, Tronto-Padova Italy
4. Dogan Kisacik, Gülizar Ozyurt, Cuneyt Baykal, Banu Benli Keles, Gokhan Kaboglu, Işıkhan Güler, 2016, "Storm surge and flooding in Izmir bay and a suggestion for coastal protection: stilling wave basin", **In Book of Abstracts:** 35th International Conference on Coastal Engineering (ICCE), November 17-20 2016, Antalya – Turkey
5. Guler, H. G.; Baykal, C.; Ozyurt, G.; **Kisacik, D.**, 2016, "Performance of Statistical Temporal Downscaling Techniques of Wind Speed Data Over Aegean Sea", **In Book of Abstracts:** EGU General Assembly 2016 (EPSC2016-4952), 17-22 April, 2016, Vienna-Austria

C2_b: produced from graduate school studies

1. **Kisacik, D.;** Yalciner, A.C. (2013) "*Investigation of tsunami impacts on a vertical structure with an overhanging horizontal cantilever slab*", **In Book of Abstracts:** 26th International Tsunami Symposium (ITS), 25-27 September 2013, in Gocek - Turkey and Rhodes – Greece

C3-National Conference Papers: Published in Conference Proceedings

C3_a: not produced from graduate school studies

1. Gökhan Kaboğlu, Sinem Oğuz Kaboğlu, **Doğan Kisacik**, 2018, "Performance of triangular irregular network method in shallow bathymetry data analysis (Üçgenlenmiş düzensiz ağ yönteminin siğ batimetri veri analizi performansi)", **In Proceeding of:** Uluslararası Katılımlı Türkiye Ulusal Jeodezi Ve Jeofizik Birliğı Bilimsel Kongresi (TUJJB-BK), 30 Mayıs - 2 Haziran 2018, İzmir – Turkey

C3_a: Produced from graduate school studies

1. **Kisacik, D.** (2014), "Uplift forces on a vertical structure with an overhanging horizontal cantilever slab (Dikey kiyi yapıları ile bütünleşik yatay levhalar üzerine gelen dalga kaldırma kuvvetleri)", **In Proceeding of:** 8. Kıyı Mühendisliğı Sempozyumu, 07-09 November 2014, Istanbul-Turkey

C4-National Conference Papers: Published in Book of Abstracts

C4_a: not produced from graduate school studies

1. Sinem OĞUZ Kaboglu, S.O.; Kaboglu, G; **Kisacik, D.;** Akcali, B.; Alan,V., 2018, "In-situ measurements of bedforms under combined flows (Kombine akımlar altında oluşan deniz taban formlarının yerinde ölçülmesi)", **In Book of Abstracts:** III. ULUSAL DENİZ BİLİMLERİ KONFERANSI, 9-12 Mayıs 2018, İzmir-Turkey
2. **Kisacik, D.**, 2018, "Hydraulic Performance of a Stilling Wave Basin for Kordon Alsancak Region under Extreme Storm Conditions (Durgun Dalga Havuzu Modelinin Ekstrem Fırtına Koşulları Altında Kordon Alsancak Bölgesi için Performansı)", **In Book of Abstracts:** III. ULUSAL DENİZ BİLİMLERİ KONFERANSI, 9-12 Mayıs 2018, İzmir-Turkey
3. Kaboğlu, S.O.; Kaboğlu, G.; Akdag, C.T.; **Kisacik, D.;**Besiktepe, S., 2016, "Actual sedimentological properties of the inner Izmir Bay (Izmir iç körfezi'nin güncel sedimentolojik özellikleri)", **In Book of Abstracts:** Türkiye Deniz Bilimleri Konferansı, May 2016, Ankara

C4_b: produced from graduate school studies

2. **Kisacik, D.** (2010). "*Breaking wave impact on coastal structures with cantilever surfaces*", **In Book of Abstracts:** 11th UGent-FirW Doctoraatssymposium (Universiteit Gent, Faculteit Ingenieurswetenschappen), (pp. 38–38), 1 - December 2010, Ghent-Belgium
3. **Kisacik, D.** (2009). "*Violent wave impacts on coastal structures with cantilever surfaces*, **In Book of Abstracts:** 10th FirW PhD Symposium (Universiteit Gent, Faculteit Ingenieurswetenschappen), (pp. 170–171), 9 - December 2009, Ghent-Belgium
4. **Kisacik, D.;** Troch, P.; Van Bogaert, P. (2009) "*Loading conditions and structural response due to violent wave impacts on coastal structures with cantilever surfaces*", **In Book of Abstracts:** 10th VLIZ Young Scientists' Day Special edition at the occasion of 10 years VLIZ, pp:77, 27 - November 2009, Oostende-Belgium, ISSN 1377-0950