

RESUME

1. Name Surname : Bilge BAS

Contact Information:
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2. Date of Birth : 11.01.1981

3. Title : Ph.D.

4. Education Status :

Degree	Department	University	Year
B.Sc.	Environmental Engineering	Istanbul Technical University	2004
M.Sc.	Coastal Sciences and Engineering	Istanbul Technical University	2008
Ph.D.	Coastal Sciences and Engineering	Istanbul Technical University	2015

5. Academic Degrees: Ph.D.

6. M.Sc. and Ph.D. Thesis Directed

6.1. M.Sc. Thesis

6.2. Ph.D. Thesis

7. Publications

7.1. Papers published in international peer-reviewed journals

Bas, B., Kabdasli, M. S., Erturk Bozkurtoglu, S. N., Seker, D. Z. (2012). Effect of wave direction on discharged brine dilution, *Fresenius Environmental Bulletin*, **21**, No.10a, 3093-3100.

Kabdasli, M. S., Kacmaz, E., Bas, B., Oguz, E., Bagci, T. (2010). An oil spill distribution study in an industrial coastal zone, *Fresenius Environmental Bulletin*, **19**, No.9a, 1935-1945.

7.2. Papers presented at international scientific meetings and published in proceedings book

N. Elginöz, Bas, B. (2016). Life Cycle Assessment of a Multi-use offshore platform: Combining wind and wave energy production in Atlantic, 35th International Conference on Coastal Engineering (ICCE 2016), November 17-20, Antalya, Turkey.

Ozkan, E., Bas, B., Elginöz, N., Germirli Babuna, F. Evaluation of Printed Circuit Board Production through LCA Sensitivity Analysis. International Conference On Recycling and Reuse, 28-30 September, Istanbul, Turkey, (2016).

Bas, B., Kabdasli, M. S., Erturk Bozkurtoglu, S. N. (2011). An experimental study on brine disposal under wave conditions, 14th Congress of Intl. Maritime Assoc. of Mediterranean IMAM 2011, 13-16 September, Genova, Italy.

Bagci, T., Elginöz Yasa, N., Bas, B., Oguz, E., Akgul, M. A., Yuce, A., Kabdasli, S., (2009). An experimental study on geotextile usage for protection of scour under submarine pipelines, 13th Congress of Intl. Maritime Assoc. of Mediterranean IMAM 2009, 12-15 Ekim, İstanbul, Turkey.

7.3. International books or book chapters in international books

Methodology for Integrated Socio-Economic Assessment of Multi-Use Offshore Platforms (P. Koundouri, S. Tsani, O.G. Dávila, M. Stithou, V. Babalos, A. Xepapadeas, I. Anastasiou, A. Antypas, N. Kourogenis, A. Mousoulides, M. Mousoulidou, B. Zanuttigh, F. Zagonari, M.A. Lange, C. Jimenez, L. Rosen, A. Lindhe, J. Norrman, T. Söderqvist, D. Troianos, A. Frentzos, Y. Krontira, P. D. Simal, R. Guanche, M. de Bel, W. He, S. Kabdasli, N. Elginöz, T. Bagci, **B. Bas**, M. Cantu, M. Masotti, R. Suffredini, M. Stuiver and E. Giannakis) in Koundouri, P. (editor) *The Ocean of Tomorrow: Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications*. Springer Publishing. *In press*.

Socio-economic Analysis of a Selected Multi-use Offshore Site in the Baltic Sea (**B. Bas**, N. Elginöz, E. Giannakis, A. Giannouli, P. Koundouri, F. Møhlenberg, A. Moussoulides, O. S. Petersen, S. Tsani, P. Xepapadeas, and A. Xepapadeas) in Koundouri, P. (editor) in Koundouri, P. (editor) *The Ocean of Tomorrow: Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications*. Springer Publishing. *In press*.

Socio-economic Analysis of a Selected Multi-use Offshore Site in the North Sea (T. Söderqvist, **B. Bas**, M. de Bel, A. Boon, N. Elginöz, R. Garção, E. Giannakis, A. Giannouli, P. Koundouri, A. Moussoulides, J. Norrman, L. Rosén, J. Schouten, M. Stuiver, S. Tsani, P. Xepapadeas, and A. Xepapadeas) in Koundouri, P. (editor) *The Ocean of Tomorrow: Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications*. Springer Publishing. *In press*.

Socio-economic Assessment of a Selected Multi-use Offshore Site in the Atlantic Site (P. D. Simal, S. T. Ortega, **B. Bas**, N. Elginöz, R. Guanche Garcia, F. del Jesus, E. Giannakis, A. Giannouli, P. Koundouri, A. Moussoulides, S. Tsani, P. Xepapadeas, and A. Xepapadeas) in Koundouri, P. (editor) *The Ocean of Tomorrow: Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications*. Springer Publishing. *In press*.

Socio-economic Analysis of a Selected Multi-use Offshore Site in the Mediterranean Sea (P. Koundouri, A. Giannouli, L. Airolidi, **B. Bas**, S. Broszeit, N. Elginöz, E. Giannakis, F. Zagonari, Y. Krontira, A. Moussoulides, S. Tsani, D. Troianos, P. Xepapadeas, A. Xepapadeas, and B. Zanuttigh) in Koundouri, P. (editor) *The Ocean of Tomorrow: Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications*. Springer Publishing. *In press*.

7.4. Papers published in national peer-reviewed journals

7.5. Papers presented at national scientific meetings and published in proceedings book

Kirca, V.S.O., Elginöz, N., Civak, G., Ozkan, E., **Bas, B.**, Kabdasli, S. (2014). Current situation and future of multi-use offshore platforms in Europe: Project MERMAID. 8th National Coastal Engineering Symposium, 7-9 September, Istanbul, Turkey (in Turkish).

Oguz, E., Kacmaz, E., **Bas, B.**, Kabdasli, S., (2010). Investigation of various fuels under same hydrodynamic conditions, VIII. National Conference of Turkey's Coastal and Marine Areas, 27 April-1 May 2010, Trabzon, Turkey (in Turkish).

Kabdasli, M. S., Kacmaz, E., Elginöz Yasa, N., **Bas, B.**, Köroğlu, A., (2008). Examination of coastal area usage diversity and related problems in the Bosphorus, VII. National Conference of Turkey's Coastal and Marine Areas, 27-30 May, Ankara, Turkey (in Turkish).

Bas, B., Kabdasli, S., Yuce, A. (2007). Examining Impacts of Tsunamis on Caisson and Rubble Mound Breakwater Experimentally, 6th National Coastal Engineering Symposium, 25th-28th October, Izmir, Turkey (in Turkish).

Bas, B., Olmez, T., Tunay, O., Kabdasli, I., Kabdasli, S., (2007). Pollution Profile and Waste Minimization Study For A Shipyard, 6th National Coastal Engineering Symposium, 25th-28th October, Izmir, Turkey (in Turkish).

Olmez, T., **Bas, B.**, Tunay, O., Kabdasli, I., Kabdasli, S., (2007). Pollution Profile and Waste Minimization Study For A Marina", 6th National Coastal Engineering Symposium, 25th-28th October, Izmir, Turkey (in Turkish).

Elginöz Yasa, N., Kabdasli, M. S., **Bas, B.**, Yagci, O., (2007). Examining The Impact of Submerged Plants to Wave Characteristics, 6th National Coastal Engineering Symposium, 25th-28th October, Izmir, Turkey (in Turkish).

7.6 Other Publications

Koundouri, P., Dávila, O.G., Stithou, M., Babalos, V., Xepapadeas, A., Anastasiou, I., Antypas, A., Kourogenis, N., Mousoulides, A., Mousoulidou, M., Ahrensberg, N., Zanuttigh, B., Zagonari, F., Lange, M.A., Jimenez, C., Charalambous, E., Rosen, L., Lindhe, A., Norrman, J., Norberg, T., Söderqvist, T., Pedersen, A., Troianos, D., Frentzos, A., Krontira, Y., Losada, I. J., Diaz-Simal, P., Guanache, R., Bel, M., He, W., Kabdasli, S., Elginöz, N., Oguz, E., Bagci, T., **Bas, B.**, Cantu, M., Masotti, M., Suffredini, R., Stuiver, M. (2013). Methodology for Integrated Socio-Economic Assessment of Offshore Platforms: Towards Facilitation of the Implementation of the Marine Strategy Framework Directive, No 1304, DEOS Working Papers, Athens University of Economics and Business, <http://EconPapers.repec.org/RePEc:ae:wpaper:1304>.

8. Projects

MERMAID: Innovative Multi-purpose offshore platforms: planning, design and operation, European Union 7th Framework Project (EU-FP7), 2012-2015.

Hydrodynamic Behaviour of Brine Discharges In the Marine Environment (Project No: 55522), ITU Scientific Research Project Unit (BAP), Graduate Thesis Support Project, Researcher.

9. Administrative Tasks

ITU Faculty of Faculty of Naval Architecture and Ocean Engineering: Commission of Accreditation of Faculty (ABET) (Member), Commission of Faculty Scholarships (Member), Commission of Faculty Website and Bulletin (Member).

ITU Journal / d: Engineering (Technical Editor).

10. Memberships to Scientific Institutions

11. Awards

12. Undergraduate and graduate courses taught in the last 2 years

Academic Year	Term	Name of the Course	Weekly Hours		Number of Students
			Theoretical	Recitation	
2015-2016	Summer	Fluid Mechanics	4	4	12
2015-2016	Summer	Hydraulics	4	4	6
2016-2017	Autumn	Fluid Mechanics (Sec 1)	2	2	57
2016-2017	Autumn	Fluid Mechanics (Sec 2)	2	2	45
2016-2017	Autumn	Water Resources - I	3	2	78
2016-2017	Autumn	Graduation Project - I	2	4	5
2016-2017	Autumn	Hydraulic Structures*	3	0	28
2016-2017	Spring	Hydraulics (Sec 1)	4	4	44
2016-2017	Spring	Hydraulics (Sec 2)	4	4	41
2016-2017	Spring	Water Resources - II	3	2	76
2016-2017	Spring	Design of Hydraulic Structures	3	0	14
2016-2017	Spring	Graduation Project - II	2	4	10

* Marked courses are graduate level courses.