



## CHAPTER F – BIBLIOGRAPHY

Abdel Aal, A., A. El Barkooky, M. Gerits, H.J. Meyer, M. Schwander, and H. Zaki. 2001. Tectonic evolution of the Eastern Mediterranean Basin and its significance for the hydrocarbon prospectivity of the Nile Delta Deepwater Area. *GeoArabia* 8(3):363-384.

ACCOBAMS. 2012. Species occurring in the ACCOBAMS area. Updated 3 July 2012. Accessed 13 June 2016 at: [http://accobams.org/index.php?option=com\\_content&view=article&id=867&catid=34&Itemid=63](http://accobams.org/index.php?option=com_content&view=article&id=867&catid=34&Itemid=63).

Agency for Toxic Substances and Disease Registry. 1990. Toxicological profile for thorium. Agency for Toxic Substances and Disease Registry, U.S. Public Health Service, Atlanta, GA, in collaboration with the U.S. Environmental Protection Agency.

Ahmed A. Elshafey, M.R. Haddara and H. Marzouk, 2011. *Ocean Systems Engineering*, Vol. 1, No. 1 (2011) 59-72 59- Free spans monitoring of subsea pipelines. March 2011.

Almagor, G. and J.K. Hall. 1984. Morphology and bathymetry of the Mediterranean continental margin of Israel. *Isr. Geol. Surv. Bull.* 77:1-31.

Ambrassey, N.N. 1962. Data for the investigation of the seismic sea-waves in the Eastern Mediterranean. *Bull. Seismol. Soc. Am.* 52(4):895-913.

Asaf, D., D. Pedersen, M. Peleg, V. Matveev, and M. Luria. 2008. Evaluation of background levels of air pollutants over Israel. *Atmos. Environ.* 42:8453-8463.

AT&T, 2008. AT&T Asia America Gateway Project draft EIR. Section 4.10 – Noise. Accessed 2016 at: [http://www.slc.ca.gov/Division\\_Pages/DEPM\\_Programs\\_and\\_Reports/ATT/PDF/DEIR/Section%204.10.pdf](http://www.slc.ca.gov/Division_Pages/DEPM_Programs_and_Reports/ATT/PDF/DEIR/Section%204.10.pdf).

Azov, Y. 1986. Seasonal patterns of phytoplankton productivity and abundance in nearshore oligotrophic waters of the Levant Basin (Mediterranean). *Journal of Plankton Research* 30(1):41-53.

Bates, R.G. 1982. pH measurements in the marine environment. *Pure and Applied Chemistry* 54(1):229-232.

Bell, K.L.C. and S.A. Fuller. 2011. *New Frontiers in Ocean Exploration: The E/V Nautilus 2010 Field Season*. *Oceanography* 24(1), supplement, 40 pp.

Ben-Gai, Y and Ben-Avraham, Z., 1995, Tectonic processes in offshore northern Israel and the evolution of the Carmel structure: *Marine and Petroleum Geology*, V. 12, no. 3, p. 533-548.

Berman, T., Y. Azov, A. Schneller, P. Walline, and D.W. Townsend. 1986. Extent, transparency, and phytoplankton distribution of the neritic waters overlying the Israeli coastal shelf. *Oceanologica Acta* 9(4):439-447.

Bethoux, J.P., P. Morin, C. Madec, and B. Gentili. 1992. Phosphorous and nitrogen behavior in the Mediterranean Sea. *Deep Sea Research* 39(1):1641-1654.

BirdLife International. 2014a. Israel: Seabirds. Accessed 13 June 2016 at: [http://www.birdlife.org/datazone/speciessearchresults.php?cty=104&cri=&fam=0&gen=0&spc=&cmn=&hab=&thr=&bt=&rec=N&vag=N&sea=Y&wat=&aze=&hdnAction=ADV\\_SEARCH](http://www.birdlife.org/datazone/speciessearchresults.php?cty=104&cri=&fam=0&gen=0&spc=&cmn=&hab=&thr=&bt=&rec=N&vag=N&sea=Y&wat=&aze=&hdnAction=ADV_SEARCH).

BirdLife International. 2014b. Israel: migratory birds. Accessed 13 June 2016 at: [http://www.birdlife.org/datazone/speciessearchresults.php?cty=104&cri=&fam=0&gen=0&spc=&cmn=&hab=&thr=&bt=&rec=N&vag=N&sea=&wat=&aze=&lab=&enb=&mib=Y&hdnAction=ADV\\_SEARCH&SearchTerms](http://www.birdlife.org/datazone/speciessearchresults.php?cty=104&cri=&fam=0&gen=0&spc=&cmn=&hab=&thr=&bt=&rec=N&vag=N&sea=&wat=&aze=&lab=&enb=&mib=Y&hdnAction=ADV_SEARCH&SearchTerms).

Bird Life International. 2014c. Israel: Important Bird and Biodiversity Areas (IBAs). Accessed 10 December 2015 at: <http://www.birdlife.org/datazone/sitesearchresults.php?cty=104&fam=0&gen=0>.

Bjorndal, K.A. 1997. Foraging ecology and nutrition of sea turtles. Pages 199-231 in P.L. Lutz and J.A. Musick (eds.). *The biology of sea turtles*. CRC Press, Boca Raton, Florida.

Boehm, P.D. and J.W. Farrington. 1984. Aspects of the polycyclic aromatic hydrocarbon geochemistry of recent sediments in the Georges Bank Region. *Environ. Sci. Technol.* 18:840-845.



Bohnsack JA. 1989. Are high densities of fishes at artificial reefs the result of habitat limitation or behavioural preference Bull Mar Sci 44: 631 – 45.

BOEM.2012. Gulf of Mexico OCS Oil and Gas Lease Sales: 2012-2017. Western Planning Area Lease Sales 229, 233, 238, 246, and 248; Central Planning Area Lease Sales 227, 231, 235, 241, and 247. Final Environmental Impact Statement. OCS EIS/EA BOEM 2012-019. Accessed 2016 at: [http://www.boem.gov/Environmental-Stewardship/Environmental-Assessment/NEPA/BOEM-2012-019\\_v1.aspx](http://www.boem.gov/Environmental-Stewardship/Environmental-Assessment/NEPA/BOEM-2012-019_v1.aspx)

Bouma, A.H., 1990, Clastic Depositional Styles and Reservoir Potential of Mediterranean Basins: AAAPG Bulletin, V. 74, no. 5, p. 532-546

Boulton, B. and Roddie, B.D., 2008, Pipeline Hydrotest Water Management.

Bourgeois, K. and E. Vidal. 2008. The endemic Mediterranean yellow shearwater *Puffinus yelkouan*: distribution, threats and a plea for more data. *Oryx* 42(2):187-194.

Breeding, J.E. Jr., L.A. Pflug, M. Bradley, M.H. Walrod, & W. McBride. 1996. Research Ambient Noise Directionality (RANDI) 3.1 Physics description. August 8, 1996. Naval Research Laboratory. NRL/FR/7176--95-9628.

Brown, N.A. 2007. Existing/future technology to address radiated noise by modifying vessel propulsion and operating parameters. In: B.L. Southall and A. Scholik-Schlomer (eds.), An International Symposium: Potential Application of Vessel-Quieting Technology on Large Commercial Vessels. NOAA Ocean Acoustics Program, Marine Ecosystems Division, Silver Spring, MD, 1-2 May 2007.

Buchman, M.F. 2008. Screening quick reference tables. NOAA OR&R Report 08-1. Office of Response and Restoration. Seattle, WA. 34 pp.

Bulleri F, Chapman MG, and Underwood AJ. 2005. Intertidal assemblages on seawalls and vertical rocky shores in Sydney Harbour, Australia. *Austral Ecol* 30: 655–67.

Camañas, J.A. 2004. Sea turtles of the Mediterranean Sea: population dynamics, sources of mortality and relative importance of fisheries impacts. The Center for Oceanography of Malaga, Spain. Papers presented at the Expert Consultation on Interactions between Sea Turtles and Fisheries within an Ecosystem Context, Rome, 9-12 March 2004. FAO Fisheries Report No. 738, Supplement. Accessed 13 June 2016 at: <ftp://ftp.fao.org/docrep/fao/007/y5750e/y5750e00.pdf>.

C. caretta: Martin, K.J., Alessi, S.C., Gaspard, J.C., Tucker, A.D., Bauer, G.B. and Mann, D.A., 2012. Underwater hearing in the loggerhead turtle (*Caretta caretta*): a comparison of behavioral and auditory evoked potential audiograms. *Journal of Experimental Biology*, 215(17), pp.3001-3009.

Chapman MG. 2006. Intertidal seawalls as habitats for molluscs. *J Mollus Stud* 72: 247–57.

CMPT. 1999. A Guide to Quantitative Risk Assessment for Offshore Installations, 1999. Centre for Marine and Petroleum Technology.

Cohen, M.A. 2010. A Taxonomy of Oil Spill Costs: What are the Likely Costs of the Deepwater Horizon Spill? Resources for the Future, Washington D.C.

CSA International, Inc. 2011. Leviathan-3 Wellsite Offshore Israel Video Transect Baseline Survey. Prepared for Noble Energy International Ltd.

CSA International, Inc. 2012. Leviathan-4 Environmental Baseline Survey, Offshore Israel. Prepared for Noble Energy Mediterranean Ltd.

CSA Ocean Sciences Inc. 2013a. Leviathan-2 Monitoring Program Offshore Israel, November 2012 Post-Abandonment Survey. Report submitted to Noble Energy International Ltd. July 2013.

CSA Ocean Sciences Inc. 2013a. Tamar SW Environmental Monitoring Program, Pre-Drilling Survey Report. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 107 pp. + apps.

CSA Ocean Sciences Inc. 2013a. Karish-1 Environmental Monitoring Program, Pre-Drilling Survey Report. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 56 pp. + apps.

CSA Ocean Sciences Inc. 2013b. Leviathan-4 Environmental Monitoring Program Post-Drill Survey. Prepared for Noble Energy Mediterranean Ltd.



- CSA Ocean Sciences Inc. 2013c. Leviathan-2 Monitoring Program Offshore Israel, April 2013 Post-Abandonment Survey. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 98 pp. + apps.
- CSA Ocean Sciences Inc. 2014a. Leviathan-2 Monitoring Program, Offshore Israel. February 2014 Post-Abandonment Survey. June 2014. Prepared for Noble Energy Mediterranean Ltd.
- CSA Ocean Sciences Inc. 2014a Leviathan-2 Monitoring Program Offshore Israel, September 2013 Post-Abandonment Survey. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 150 pp. + apps.
- CSA Ocean Sciences Inc. 2014b. Leviathan-2 Monitoring Program, Offshore Israel. June 2014 Post-Abandonment Hydrographic Survey. September 2014. Prepared for Noble Energy Mediterranean Ltd.
- CSA Ocean Sciences Inc. 2014b Leviathan-2 Monitoring Program Offshore Israel, February 2014 Post-Abandonment Survey. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 225 pp. + apps.
- CSA Ocean Sciences Inc. 2014c. Mitigation and Marine Fauna Observations Conducted for Leviathan Field Development Project, Israel Bathymetric Survey from 26 September to 24 October 2014. Prepared for Noble Energy Mediterranean Ltd. December 2014.
- CSA Ocean Sciences Inc. 2014d. Tamar Field Background Monitoring Survey Report. Prepared for Noble Energy Mediterranean Ltd. 132 pp. + apps.
- CSA Ocean Sciences Inc. 2015. Dalit Deep Environmental Monitoring Program, Pre-Drill Survey Report. Prepared for Noble Energy Mediterranean Ltd., State of Israel. 129 pp. + apps.
- CSA Ocean Sciences Inc. 2016a. Leviathan Field Development Background Monitoring Survey Report: Drilling Component. March 2016. Prepared for Noble Energy Mediterranean Ltd. 90 pp. +apps.
- CSA Ocean Sciences Inc. 2016b. Leviathan Field Development Background Monitoring Survey Report: Pipeline Component July 2016. Prepared for Noble Energy Mediterranean Ltd. pp 103 +apps.
- De Robertis, A., C.H. Ryer, A. Veloza, and R.D. Brodeur. 2003. Differential effects of turbidity on prey consumption of piscivorous and planktivorous fish. *Canadian Journal of Fisheries and Aquatic Sciences* 60:1517-1526.
- Deda, P., I. Elbertzagen, and M. Klussmann. 2007. Light Pollution and the Impacts on Biodiversity Species and their Habitats. International Conference in Defence of the Quality of the Night Sky and the Right to Observe the Stars - Starlight Initiative.
- Design Provisions for Earthquake Resistance of Structures. Amendment No. 2 to Israel Standard SI 413. Appendix C – List of settlements and their ground accelerations. The Standards Institution of Israel. 2004.
- Dayan, U. and I. Levy. 2002. Relationship between synoptic-scale atmospheric circulation and ozone concentrations over Israel. *J. Geophys. Res.* 107(D24):31/1-31/8.
- Dickson, A.G. 1984. pH scales and proton-transfer reactions in saline media such as sea water. *Geochimica et Cosmochimica Acta* 48(11):2,299-2,308.
- Dickson, A.G. 1993. The measurement of sea water pH. *Marine Chemistry* 44(2-4):131-142.
- Dilek, Y. and E. Sandvol. 2009. Seismic structure, crustal architecture and tectonic evolution of the Anatolian-African Plate Boundary and the Cenozoic Orogenic Belts in the Eastern Mediterranean Region. *Geol. Soc. London Spec. Publ.* 327:127-160.
- DNV, 2012. Offshore Standard DNV-OS-F101 for Submarine Pipeline Systems, August 2012
- DOF Subsea. 2015. Leviathan Field Survey – Shallow Water Geophysical Survey Pipeline Report. DOF No: 315099-SV-CL-403-0001. Client No: LEV-SS-SWS-SSS-RPT-001. 87 pp.
- Dow Piniak W. E., Eckert, S. A., Harms, C. A. and Stringer, E. M. 2012. Underwater hearing sensitivity of the leatherback sea turtle (*Dermochelys coriacea*): Assessing the potential effect of anthropogenic noise. U.S. Dept. of the Interior, Bureau of Ocean Energy management, Headquarters, Herndon, VA. OCS Study BOEM 2012-01156. 35pp.
- Edelist, D., E. Spanier, and D. Golani. 2010. Evidence of overfishing in the eastern Mediterranean. Paper presented at AFS 140th Meeting, Pittsburg, PA. 9-16 September 2010.



- Froymsen, R.A., W.H. Rose, S. Nemeth, and G.W. Suter II. 2000. Ecological risk assessment framework for low-altitude overflights by fixed-wing and rotary-wing military aircraft. Report ORNL/TM-2000/289. Oak Ridge National Laboratory, Oak Ridge, TN.
- Erbe, C. 2002. Hearing ability of baleen whales. Contractor report to Defense R&D Canada. DRDC Atlantic CR 2002-065. Contract number W7707-01-0828.
- Erickson, M.D. 1997. Analytical Chemistry of PCBs. 2nd edition. CRC Press, LLC, Boca Raton, FL.
- Erlichman, E. 2015. Rare seal makes unexpected third visit to Israel. YNetNew.com. Accessed 18 July 2016 at: <http://www.ynetnews.com/articles/0,7340,L-4647190,00.html>.
- Eruteya, O., et al. 2015. Seismic Geomorphology of the Israel Slump Complex in the Levant Basin (SE Mediterranean) in Proceedings Submarine Mass Movements and their Consequences: 7th International Symposium. National Institute of Water and Atmospheric Research, Ltd. Wellington, NZ.
- Etkin, D.S. 1999. Estimating Cleanup Costs for Oil Spills. Oil Spill Intelligence Report. Cutter Information Corporation. International Oil Spill Conference 1999.
- EUR28. 2013. Interpretation Manual of European Union Habitats – EUR28, April 2013. European Commission DG Environment. Nature ENV B.3.
- FeBEC, 2013. Fish Ecology in Fehmarnbelt: Impact Assessment Report,” Report no. E4TR0041 – Volume 1.
- Finneran, J.J., D.A. Carder, C.E. Schlundt, and S.H. Ridgway. 2005. Temporary threshold Shift in bottlenose dolphins (*Tursiops truncatus*) exposed to mi-frequency tones. *Journal of the Acoustical Society of America*, 118(4), 2696 – 2705.
- Frey-Martinez, J., Cartwright, J., Hall, B., and Huuse, M., 2007, Clastic intrusion at the base of deep-water sands: A trap-forming mechanism in the eastern Mediterranean, in Hurst, A. and Cartwright, J., editors, *Sand injectites: Implications for hydrocarbon exploration and production: AAPG Memoir 87*, p. 49-63
- Froese, R. and D. Pauly (eds.). 2014. FishBase. World Wide Web electronic publication, version 06/2014. Accessed 10 December 2015 at: <http://www.fishbase.org>.
- Galil, B.S. 2004. The limit of the sea: the bathyal fauna of the Levantine Sea. *Scientia Marina* 68:63-72.
- Galil, B.S. and M. Goren. 1994. The deep sea Levantine fauna. New records and rare occurrences. *Senckenbergiana marit.* 25(1/3):41-52.
- Gardline Surveys Inc. 2010. 3D Geohazard Assessment, Offshore Israel, Leviathan Prospect, June 2010. Prepared for Noble Energy Inc. Gardline Project Ref. 8401. Houston, TX. September 2010.
- Gardline Surveys Inc. 2015. Environmental Charts for Noble Energy Inc., Offshore Israel, Leviathan Field. Gardline Project Ref. 8401. Houston, TX. Final Rev2, July 2015.
- Gardosh, M., Z. Garfunkel, Y. Druckman, and B. Buchbinder. 2008. Neotethyan rifting and its role in shaping the Levant Basin and Margin. *Isr. Geol. Soc. Ann. Meeting*, Nazareth, p. 27.
- Garfunkel, Z. 2004. Origin of the Eastern Mediterranean Basin: A Re-evaluation. *Tectonophysics* 391:11-34.
- [GEMS] Geoscience Earth & Marine Services. 2014. Archaeological Assessment. Report for Noble Energy. Project No. 1212-2186b.
- Genesis. 2016a. Leviathan Pre-EIA Support. Preliminary Scoping Report, prepared for Noble Energy Mediterranean Ltd.
- Genesis. 2016b. Leviathan Pre-EIA Support. OSCAR Modelling Summary, prepared for Noble Energy Mediterranean Ltd. Report No: J20813-Y-TN-24004 Rev B2.
- Geraci, J.R. and D.J. St. Aubin (eds.). 1990. *Sea Mammals and Oil: Confronting the Risks*. Academic Press, San Diego, CA. 282 pp.
- Golani, D. 2005. Checklist of the Mediterranean Fishes of Israel. *Zootaxa* 947. 90 pp.



Goren, M. and B.S. Galil. 2015. A checklist of the deep sea fishes of the Levant Sea, Mediterranean Sea. *Zootaxa* 3994 (4): 507-530. Govmap. 2016. Israel Govmap website. Accessed 14 June 2016 at: <http://www.govmap.gov.il/>.

Gradmann, S., Hubscher, C., Ben-Avraham, Z., Gajewski, and Netzeband, G., 2005, Salt tectonics off northern Israel: Marine and Petroleum Geology, V. 2, no. 1 p. 597-611.

Hannay D., A. MacGillivray, M. Laurinolli, & R. Racca. 2004. Source level measurements from 2004 acoustics programme. Sakhalin Energy.

Herut, B. and A. Sandler. 2006. Normalization methods for pollutants in marine sediments: Review and recommendations for the Mediterranean. IOLR Report H18/2006.

Herut, B., M.D. Krom, G. Pan, and R. Mortimer. 1999. Atmospheric input of nitrogen and phosphorus to the Southeast Mediterranean: Sources, fluxes, and possible impact. *Limnology and Oceanography* 44:1683-1692.

Hildebrand, J.A. 2009. Anthropogenic and natural sources of ambient noise in the ocean. *Marine Ecology Progress Series* 395:5-20.

Houser, D.S., Gomez-Rubio, A. and Finneran, J.J., 2008. Evoked potential audiometry of 13 Pacific bottlenose dolphins (*Tursiops truncatus gilli*). *Marine Mammal Science*, 24(1), pp.28-41.

Hsü, K.J., W.B. Ryan, and M.B. Cita. 1973. Late Miocene dessication of the Mediterranean. *Nature* 242:240-244.

International Seismological Centre, On-line Bulletin, <http://www.isc.ac.uk>, Internatl. Seis. Cent., Thatcham, United Kingdom, 2013.

ITOPF. 2004. The International Tanker Owners Pollution Federation Limited. 2004. Technical Information Paper No 13 on Oil Spill Effects on the Marine Environment.

ITOPF (The International Tanker Owners Pollution Federation Limited), 2011. Fate of Marine Oil Spills, Technical Information Paper.

[IUCN] International Union for Conservation of Nature. 2002. Policy recommendations Papers for Sixth meeting of the Conference of the Parties to the Convention on Biological Diversity (COP6). The Hague, Netherlands, 7-19 April 2002.

[IUCN] International Union for Conservation of Nature. 2010. Guidelines for application of IUCN Red List criteria at regional and national levels. Version 4.0. Switzerland and Cambridge, UK: IUCN. iii + 41pp. [http://s3.amazonaws.com/iucnredlist-newcms/staging/public/attachments/3154/reg\\_guidelines\\_en.pdf](http://s3.amazonaws.com/iucnredlist-newcms/staging/public/attachments/3154/reg_guidelines_en.pdf)

[IUCN] International Union for Conservation of Nature. 2016. The IUCN Red List of Threatened Species. Version 2016-1. Accessed 15 July 2016 at: <http://www.iucnredlist.org>.

Israel Meteorological Service. 2014. Climate information. Accessed 29 September 2014 at: <http://www.ims.gov.il/IMSEng/CLIMATE>.

Israel Nature and Parks Authority. 2011. Policy document dealing with the marine and coastal environment along the Israeli Mediterranean coastline (Hebrew), pp. 60-63. <http://tinyurl.com/ndyxdox>.

Jacquet, S., Lennon, J.F., Marie, D., and Vaulot, D., 1998. Picoplankton population dynamics in coastal waters of the northwestern Mediterranean Sea, Station Biologique, CNRS, INSU et Universite Pierre-et-Marie-Curie, BP 74, 29682 Roscoff Cx, France

Jensen, F.B., W.A. Kuperman, M.B. Porter, and H. Schmidt. 2011. Computational Ocean Acoustics. Second Edition. Modern Acoustics and Signal Processing. Springer.

JNCC (Joint Nature Conservation Committee) 2010a. The protection of marine European Protected Species from injury and disturbance. Guidance for the marine area in England and Wales and the UK offshore marine area.

JNCC (Joint Nature Conservation Committee). 2010b. JNCC guidelines for minimizing the risk of injury and disturbance to marine mammals from seismic surveys.

Kallos, G., P. Kassomenos, and R.A. Pielke. 1993. Synoptic and mesoscale weather conditions during air pollution episodes in Athens, Greece. *Boundary-Layer Meteorol.* 62:163-184.



- Kassomenos, P., V. Kotroni, and G. Kallos. 1995. Analysis of climatological and air quality observations from Greater Athens Area. *Atmos. Envir.* 29:3671-3688.
- Kastelein, R.A., Hagedoorn, M., Au, W.W. and de Haan, D., 2003. Audiogram of a striped dolphin (*Stenella coeruleoalba*). *The Journal of the Acoustical Society of America*, 113(2), pp.1130-1137.
- Katz, O. 2012. Mapping of submarine landslides along the Mediterranean continental slope, off the coast of Israel. Final Report, 2012. Ministry of Energy and Water Resources. Geological Survey of Israel. pp. 1-20.
- Katz, O., E. Reuven, and E. Aharonov. 2015. Submarine landslides and fault scarps along the eastern Mediterranean Israeli continental slope. *Marine Geology* 369:100-115.
- Keinath, J.A., J.A. Musick, and D.E. Barnard. 1996. Abundance and Distribution of Sea Turtles off North Carolina. OCS Study MMS 95-0024. U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA. 156 pp.
- Keinath, J.A., and Musick, J.A., Movements and diving behaviour of a leatherback turtle, *Dermochelys coriacea*. *Copeia* 1993(4): 1,010-1,017.
- Kelletat, D. and G. Schellmann. 2002. Tsunamis in Cyprus: field evidences and 14C-dating results. *Zeitschrift f. Geomorphologie NF* 46(1):19-34.
- Kerem, D., N. Hadar, O. Goffman, A. Scheinin, R. Kent, O. Boisseau, and U. Schattner. 2012. Update on the Cetacean Fauna of the Mediterranean Levantine Basin. *Open Marine Biology Journal* 6:6-27.
- Kerem, D., O. Goffman, A. Scheinin, M. Elasar, N. Hadar, D. Edelist, and O. Sonin. 2014. Report on the status of small cetaceans in Israeli Mediterranean waters. Report submitted to the Sub-Committee on Small Cetaceans, the Scientific Committee, the International Whaling Commission, May 2014. IMMRAC, the Recanati Institute for Maritime Studies, School of Marine Sciences, University of Haifa, Haifa, Israel.
- Ketten, D.R. 2005. Functional measures of sea turtle hearing. Woods Hole Institution.
- Ketten, D.R., and D. Mountain. 2001. Modeling Minke whale hearing. Report to Joint Industry Programme. Woods Hole Oceanographic Institution, 30 pp.
- Kiefer, D.A., W.S. Chamberlin, and C.R. Booth. 1989. Natural fluorescence of chlorophyll a: relationship to photosynthesis and chlorophyll concentration in the western south Pacific gyre. *Limnology and oceanography* 34(5):868-881.
- Kot, C.Y., A. DiMatteo, E. Fujioka, B. Wallace, B. Hutchinson, J. Cleary, P. Halpin, and R. Mast. 2013. The State of the World's Sea Turtles Online Database: Data provided by the SWOT Team and hosted on OBIS-SEAMAP. Oceanic Society, Conservation International, IUCN Marine Turtle Specialist Group (MTSG), and Marine Geospatial Ecology Lab, Duke University. Accessed 13 June 2016 at: <http://seamap.env.duke.edu/swot>.
- Kress, N., A. Golik, B. Galil, and M.D. Krom. 1993. Monitoring the disposal of coal fly ash at a deep water site in the eastern Mediterranean Sea. *Mar. Poll. Bull.* 26(8):447-456.
- Kress, N., T.F. Thingstad, P. Pitta, S. Psarra, T. Tanaka, T. Zohary, S. Groom, B. Herut, R.F.C. Mantoura, T. Polychronaki, F. Rassoulzadegan, and G. Spyres. 2005. Effect of P and N addition to oligotrophic Eastern Mediterranean waters influenced by near-shore waters: a microcosm experiment. *Deep-Sea Research II* 52(22-23):3054-3073.
- Kress, N., I. Gertman, and B. Herut. 2014. Temporal evolution of physical and chemical characteristics of the water column in the Easternmost Levantine basin (Eastern Mediterranean Sea) from 2002 to 2010. *Journal of Marine Systems* 135:6-13.
- Krom, M.D. 1995. Oceanography of the Eastern Mediterranean Sea. *Challenger Society* 5:22-28.
- Krom, M.D., E.M.S. Woodward, B. Herut, N. Kress, P. Carbo, R.F.C. Mantoura, G. Spyres, T.F. Thingstad, P. Wassman, C. Wexels-Riser, V. Kitidis, C.S. Law, and G. Zodiatis. 2005. Nutrient cycling in the south east Levantine basin of the eastern Mediterranean: Results from a phosphorus starved system. *Deep Sea Res. II* 52:2879-2896.
- Krom, M.D., K.C. Emeis, and P. Van Cappellen. 2010. Why is the Eastern Mediterranean phosphorus limited? *Progress in Oceanography* 85:236-244.



- Kröncke, I., M. Türkay, and D. Fiege. 2003. Macrofauna communities in the eastern Mediterranean deep sea. *Marine Ecology* 24(3):193-216.
- Leshem, Y. and I. Atrash. 1998. Palestine-Israel: A crossroad for bird migration. *Palestine-Israel Journal* 5(1).
- Levy, Y. 2011. Summary of recovery actions for sea turtle populations in the Mediterranean Sea. Israel Nature and Parks Authority.
- Laist, D.W. 1996. Marine debris entanglement and ghost fishing: a cryptic and significant type of bycatch. Alaska Sea Grant College Program Report no. 96-03. pp. 33–39, University of Alaska, Fairbanks, AK.
- Laist, D.W., Knowlton, A.R., Mead, J.G., Collet, A.S. Podesta, M., 2001. Collisions Between Ships and Whales, *Marine Mammal Science*.
- Li, S., Wang, D., Wang, K., Taylor, E.A., Cros, E., Shi, W., Wang, Z., Fang, L., Chen, Y. and Kong, F., 2012. Evoked-potential audiogram of an Indo-Pacific humpback dolphin (*Sousa chinensis*). *Journal of Experimental Biology*, 215(17), pp.3055-3063.
- Lloyds Register (2010) Lloyds Register Maritime Services - Ballast Water Treatment Technology.
- Lohofener, R., W. Hoggard, K. Mullin, C. Roden, and C. Rogers. 1990. Association of sea turtles with petroleum platforms in the north-central Gulf of Mexico. OCS (Outer Continental Shelf) Study/MMS 90-0025. U.S. Dept. of the Interior, Minerals Management Service, Gulf of Mexico OCS Regional Office, New Orleans, Louisiana, USA.
- Long, E.R. and L.G. Morgan. 1990. The potential for biological effects of sediment-sorbed contaminants tested in the National Status and Trends Program. NOAA Technical Memorandum NOS OMA 52. National Oceanic and Atmospheric Administration. Seattle, WA.
- Lusseau, D, Bain, D.E Williams, R. and Smith, J.C, 2009. Vessel traffic disrupts the foraging behavior of southern resident killer whales *Orcinus orca*. *Endangered Species Research*, 6, 211 – 221.
- Macreadie, P.I; Fowler, A.M; Booth, D.J. 2011. Rigs to reef. Will the deep sea benefit. *Ecological Society of America*, 2011, *Frontiers in Ecology and the Environment*. Volume 9. Issue 8.
- Makris, J., Z. Ben-Avraham, A. Behle, A. Ginzburg, P. Giese, L. Steinmetz, R.B. Whitmarsh, and S. Eleftheriou. 1983. Seismic Refraction Profiles between Cyprus and Israel and their Interpretation. *Geophys. J. Royal Astronom. Soc.* 75:575-591.
- Marsh, H.W., & M. Schulkin. 1962. Shallow-water transmission. *Journal of the Acoustical Society of America*. 34: 863–864.
- Mart, Y., Quaternary tectonic patterns along the continental margin of the southeastern Mediterranean: *Marine Geology*, V. 49, p. 327-344
- Mart, Yossi. Faults at the proximal continental shelf off Atlit, central Israel, and their neotectonic significance. *Geo-Marine Letters*. 1996. Volume 16, No. 2. p. 41-48.
- Martin, K.J., S.C. Alessi, J.C. Gaspard, A.D. Tucker, G.B. Bauer, & D.A. Mann. 2012. Underwater hearing in the loggerhead turtle (*Caretta caretta*): a comparison of behavioural and auditory evoked potential audiograms. *Journal of Experimental Biology* 215(17): pp. 3001-3009.
- Masclé, J., O. Sardou, L. Loncke, M. Sebastien, L. Caméra, and V. Gaullier. 2006. Morphostructure of the Egyptian continental margin: insights from swath bathymetry surveys. *Mar. Geophys. Res.* 27:49-59.
- Massoud, M.S., F. Al-Abdali, A.N. Al-Ghadban, and M. Al-Sarawi. 1996. Bottom sediments of the Arabian Gulf-II. TPH and TOC contents as indicators of oil pollution and implications for the effect and fate of the Kuwait oil slick. *Environ. Pollut.* 93(3): 271-284.
- Mauzerall, D.C. 1990. Determination of Oxygen Emission and Uptake in Leaves by Pulsed, Time Resolved Photoacoustics. *Plant Physiology* 94(1):278-283.
- McCauley, R. D. (1994) Seismic surveys. In *Environmental Implications of Offshore Oil and Gas Development in Australia—The Findings of an Independent Scientific Review*, edited by J. M. Swan, J. M. Neff, and P. C. Young Australian Petroleum Exploration Association, Sydney. pp. 19–122.



- McKenna, M.F., D. Ross, S.M. Wiggins, and J.A. Hildebrand. 2012. Underwater radiated noise from modern commercial ships. *Journal of the Acoustic Society of America* 131(1):92-103.
- MEPC 66/21Annex 3, Resolution MEPC.244 (66) Adopted on 4 April 2014, Standard Specification for Shipboard Incinerators
- MedNautilus. 2014a. MedNautilus System, European and Mediterranean Network. Accessed 10 December 2015 at: [http://www.mednautilus.com/en\\_EN/mn-system](http://www.mednautilus.com/en_EN/mn-system).
- MedNautilus. 2014b. Lev & Minerva Subsystem. Accessed 10 December 2015 at: [http://www.mednautilus.com/en\\_EN/lev-minerva-subsystem](http://www.mednautilus.com/en_EN/lev-minerva-subsystem).
- Millero, F.J. 2001. *The physical chemistry of natural waters*. NY: Wiley-Interscience.
- Millero, F.J. 2005. *Chemical Oceanography*. Third Edition. CRC Press. 520 pp.
- [MoEP] Ministry of Environmental Protection. 2002. Standards for Environmental Quality of Israel's Mediterranean Coastal Waters. Marine and Coastal Environment Division, State of Israel.
- [MoEP] Ministry of Environmental Protection 2006. Atlas of Israel coastal sensitivity to oil pollution in the Mediterranean. Marine and Coastal Environment Division, Jerusalem, State of Israel.
- Morales, F., A. Abadía, R. Belkhdja, and J. Abadía. 1994. Iron deficiency-induced changes in the photosynthetic pigment composition of field-grown pear (*Pyrus communis* L) leaves. *Plant, Cell & Environment* 17(10):1153-1160.
- Nachtigall, P.E., Yuen, M.M., Mooney, T.A. and Taylor, K.A., 2005. Hearing measurements from a stranded infant Risso's dolphin, *Grampus griseus*. *Journal of Experimental Biology*, 208(21), pp.4181-4188.
- National Marine Fisheries Service. 1991. *Our Living Oceans. The First Annual Report on the Status of U.S. Living Marine Resources*. U.S. Dept. of Commerce.
- National Marine Fisheries Service. 2010. *Recovery Plan for the Sperm Whale (Physeter Macrocephalus)*. Office of Protected Resources.
- National Ocean Service. 2015. *Resource Protection: Reducing Ship Strike Risk to Whales*. National Oceanic and Atmospheric Administration.
- National Research Council. 1990. *Decline of the sea turtles – Causes and prevention*. National Academy Express. Washington D.C. (found in <http://www.nmfs.noaa.gov/pr/pdfs/statusreviews/turtles.pdf>).
- National Research Council. 2008. *Tackling marine debris in the 21<sup>st</sup> century*. Washington D.C. The National Academy Express.
- Nedwell, J. R., A.W.H. Turnpenny, J. Lovell, S.J. Parvin, R. Workman, J.A.L. Spinks, and D. Howell. 2007. A validation of the dBht as a measure of the behavioural and auditory effects of underwater noise. Subacoustech Report No. 534R1231.
- Neff, J.M. 2005. *Composition, environmental fates, and biological effects of water based drilling muds and cuttings discharged to the marine environment: A synthesis and annotated bibliography*. Prepared for Petroleum Environmental Research Forum and American Petroleum Institute. Battelle, Duxbury, MA. 83 pp. Accessed 13 June 2016 at: [http://www.perf.org/images/Archive\\_Drilling\\_Mud.pdf](http://www.perf.org/images/Archive_Drilling_Mud.pdf).
- Netzeband, G.L., Gohl, K., Hubscher, C.P., Ben-Avraham, Z., Dehghani, G.A., Gajewski, D., and Liersch, P., 2006, *The Levantine Basin- crustal structure and origin: Tectonophysics*, V. 418, p. 167-188.
- Newcombe, C.P. and Jensen, J.O.T, 1996, *Channel suspended sediment and fisheries: a synthesis for quantitative assessment of risk and impact*.
- NOAA, 2014. *Occurrence and Health Effects of Anthropogenic Debris Ingested by Marine Organisms*. Marine Debris Ingestion Report. National Oceanic and Atmospheric Administration
- Noble Energy Mediterranean Ltd. 2012. *Leviathan MetOcean Report*. Document No: LEV-OF-NEM-MET-RPT-0001.





Noble Energy Mediterranean Ltd. 2013. Emergency Factory Plan. Document No: 145-13-EHSR-EFP-PA-T3-Rev0. Prepared by EHSR Department.

Noble Energy Mediterranean Ltd. 2016a. Environmental Impact Report for Production Drilling, Production Tests, and Completion - Leviathan Field. Document No: LEV-BU-NEM-EIA-RPT-0001-Rev02. Prepared by CSA Ocean Sciences Inc.

Noble Energy Mediterranean Ltd. 2016b. Reservoir Fluids – Leviathan Development Basis of Design. Document No: LPP-PM-NEM-RES-BOD-0203-Rev B.

Notarbartolo di Sciara, G. and A. Birkun, Jr. 2010. Conserving whales, dolphins and porpoises in the Mediterranean and Black Seas: an ACCOBAMS status report, 2010. ACCOBAMS, Monaco. 212 pp.

Oded Katz, Einav Reuven, Einat Aharonov, Submarine landslides and fault scarps along the eastern Mediterranean Israeli continental-slope, *Marine Geology*, Volume 369, 1 November 2015, p. 100-115.

OSPAR Commission. 2009. Overview of the impacts of anthropogenic underwater sound in the marine environment. Publication No. 441/2009.

Özbakir, A.D., R. Wortel, and R. Govers. 2010. The nature and location of the plate boundary between the Anatolian and African plates. *Geophysical Research Abstracts* 12. EGU2010-4366.

Pacini, A.F., Nachtigall, P.E., Quintos, C.T., Schofield, T.D., Look, D.A., Levine, G.A. and Turner, J.P., 2011. Audiogram of a stranded Blainville's beaked whale (*Mesoplodon densirostris*) measured using auditory evoked potentials. *Journal of Experimental Biology*, 214(14), pp.2409-2415.

Page HM, Culver CS, Dugan JE, and Mardian B. 2008. Oceanographic gradients and patterns in invertebrate assemblages on offshore oil platforms. *ICES J Mar Sci* 65: 851–61.

Palomares, M.L.D. and D. Pauly (eds.). 2014. SeaLifeBase. World Wide Web electronic publication. Version 06/2014. Accessed 13 June 2016, updated 20 January 2016 at: <http://www.sealifebase.org/>.

Pareto Engineering Ltd, 2006 Sensitivity analysis of Israel's Coastline to oil pollution

Parvin, S.J, Nedwell, J.R., Kynoch, J., and Brooker, A.G. 2008. Assessment of underwater noise from dredging operations on the Hasting shingle bank. Subacoustech 758R0137, 2008.

Popov, V.V. and Klishin, V.O., 1998. EEG study of hearing in the common dolphin, *Delphinus delphis*. *Aquatic Mammals*, 24, pp.13-20.

Popov, V.V., Supin, A.Y., Pletenko, M.G. and Tarakanov, M.B., 2007. Audiogram variability in normal bottlenose dolphins (*Tursiops truncatus*). *Aquatic Mammals*, 33(1), p.24.

Popper et al., 2014, Assessing the Impact of Underwater Sounds on Fishes and Other Forms of Marine Life, *Acoustics Today*.

Popper, A.N, and Hastings, M.C. 2009. The effects of anthropogenic sources of sound on fishes, *Journal of Fish Biology*.

Popper, A.N., and Hawkins, A. 2012. The effects of noise on aquatic life, *Advances in Experimental Medicine and biology* 730, Springer.

Potter, J.R., T.W. Lim, and M. Chitre. 1997. Ambient noise environments in shallow tropical seas and the implications for acoustic sensing, pp. 191-199. In: *Oceanology International 97 Pacific Rim*, Singapore.

Reed DC, Schroeter SC, and Raimondi PT. 2004. Spore supply and habitat availability as sources of recruitment limitation in the giant kelp *Macrocystis pyrifera* (Phaeophyceae). *J Phycol* 40: 275–84.

Reeves, R. and G. Notarbartolo di Sciara (eds.). 2006. The status and distribution of cetaceans in the Black Sea and Mediterranean Sea. IUCN Centre for Mediterranean Cooperation, Malaga, Spain. 137 pp.

Richardson, W.J., C.R. Greene, Jr., C.I. Malme, and D.H. Thomson. 1995. *Marine mammals and noise*. San Diego, CA: Academic Press. 576 pp.

Ridgway, S.H, Scronce, B.L., and Kanwisher, J. 1969. Respiration and deep diving in a bottlenose porpoise. *Science* 166, 1651-1654



- Ross, D. 1976. *Mechanics of Underwater Noise*. NY: Pergamon. 375 pp.
- Salamon, A., T. Rockwell, S.N. Ward, E. Guidoboni, and A. Comastri. 2007. Tsunami hazard evaluation of the Eastern Mediterranean: Historical analysis and selected modeling. *Bull. Seismol. Soc. Am.* 97:705-724.
- Salmon, M. 2003. Artificial Night Lighting and Sea Turtles. *Biologist* 50:163-168.
- Schattner, U., Ben-Avraham, Lazar, M., and Huebscher, C., 2006, Tectonic isolation of the Levant basin offshore Galilee-Lebanon – effects of the Dead Sea fault plate boundary on the Levant continental margin, eastern Mediterranean: *Journal of Structural Geology*, V. 28, p. 2049-2066.
- Scheinin, A.P., O. Goffman, M. Elasar, A. Perelberg, and D.H. Kerem. 2011. Mediterranean Monk Seal (*Monachus monachus*) Resighted Along the Israeli Coastline After More than Half a Century. *Aquatic Mammals* 37(3):241-242.
- Schwacke, L.H., C.R. Smith, F.I. Townsend, R.S. Wells, L.B. Hart, B.C. Balmer, T.K. Collier, S. De Guise, M.M. Fry, L.J. Guillette, Jr., S.V. Lamb, S.M. Lane, W.E. McFee, N.J. Place, M.C. Tumlin, G.M. Ylitalo, E.S. Zolman, and T.K. Rowles. 2014. Health of Common Bottlenose Dolphins (*Tursiops truncatus*) in Barataria Bay, Louisiana, following the Deepwater Horizon Oil Spill. *Environ. Sci. Technol.* 48(1):93-103.
- SeaTurtle.org. 2008. Satellite Tracking – Israel Sea Turtle Tracking Project 2008: Loggerhead & Green Turtles. Accessed 13 June 2016 at: [http://www.seaturtle.org/tracking/?project\\_id=303](http://www.seaturtle.org/tracking/?project_id=303).
- Shapiro, J. (ed.). 2007. *The fisheries and aquaculture of Israel*. Ministry of Agriculture and Rural Development. Department of Fisheries and Aquaculture. 48 pp.
- Slabbekoorn, H., Bouton, N., van Opzeeland, I., Coers, A., ten Cate, C. and Popper, A. N. (2010). A noisy spring: the impact of globally rising underwater sound levels on fish. *Trends in Ecology and Evolution* 25(7):419-27
- Smultea, M., J. Mobley, D. Fertl, and G. Fulling. 2008. Short Communication: An Unusual Reaction and Other Observations of Sperm Whales Near Fixed-Wing Aircraft. *Gulf and Caribbean Research* 20:75-80.
- Sørensen, M. B., M. Spada, A. Babeyko, S. Wiemer, and G. Grünthal (2012), Probabilistic tsunami hazard in the Mediterranean Sea, *J. Geophys. Res.*, 117.
- Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene Jr, D. Kastak, D.R. Ketten, J.H. Miller, P.E. Nachtigall, W.J. Richardson, J.A. Thomas, & P.L. Tyack. 2007. Marine mammals noise exposure criteria: initial scientific recommendations. *Marine Mammals* 33(4).
- Spence, J., R. Fischer, M. Bahtiarian, L. Boroditsky, N. Jones, and R. Dempsey. 2007. Review of Existing and Future Potential Treatments for Reducing Underwater Sound from Oil and Gas Industry Activities. NCE Report 07-001 produced by Noise Control Engineering, Inc. for Joint Industry Programme on E&P Sound and Marine Life.
- Stanley, Daniel Jean. "Evaluating Use of Rock-hewn Features for Sea Level Measurement, Israeli Coast". *Journal of Coastal Research* 15.2 (1999): 326–331.
- Steinhauer, M.S. and P.D. Boehm. 1992. The composition and distribution of saturated and aromatic hydrocarbons in nearshore sediments, river sediments, and coastal peat of the Alaskan Beaufort Sea: Implications for detecting anthropogenic hydrocarbon inputs. *Mar. Environ. Res.* 33:223-253.
- Szymanski, M.D., Bain, D.E., Kiehl, K., Pennington, S., Wong, S. and Henry, K.R., 1999. Killer whale (*Orcinus orca*) hearing: Auditory brainstem response and behavioral audiograms. *The Journal of the Acoustical Society of America*, 106(2), pp.1134-1141.
- Tanhua, T., D. Hainbucher, V. Cardin, M. Álvarez, G. Civitarese, A.P. McNichol, and R.M. Key. 2013. Repeat hydrography in the Mediterranean Sea, data from the Meteor cruise 84/3 in 2011. *Earth Syst. Sci. Data* 5:289-294.
- Tehrani, G.M., R. Hashim, A.H. Sulaiman, B.T. Sany, A. Salleh, R.K. Jazani, A. Savari, and R.F. Barandoust. 2012. Distribution of Total Petroleum Hydrocarbons and Polycyclic Aromatic Hydrocarbons in Musa Bay Sediments (Northwest of the Persian Gulf). *Environment Protection Engineering* 39(1):115-128.
- Thio, Hong Kie (URS Corp). 2009. Tsunami Hazard in Israel. Retrieved from Geological Survey of Israel website: [www.gsi.gov.il/Eng/\\_Uploads/264Israel-Tsunami-Hazard.pdf](http://www.gsi.gov.il/Eng/_Uploads/264Israel-Tsunami-Hazard.pdf)



- Trefry, J.H. and J.P. Smith. 2003. Forms of Mercury in Drilling Fluid Barite and Their Fate in the Marine Environment: A Review and Synthesis. Society of Petroleum Engineers Proceedings. SPE Paper 80571.
- Thomas, J., Chun, N., Au, W. and Pugh, K., 1988. Underwater audiogram of a false killer whale (*Pseudorca crassidens*). The Journal of the Acoustical Society of America, 84(3), pp.936-940.
- Thomas, J., Moore, P., Withrow, R. and Stoermer, M., 1990. Underwater audiogram of a Hawaiian monk seal (*Monachus schauinslandi*). The Journal of the Acoustical Society of America, 87(1), pp.417-420.
- Trefry, J.H., K.H. Dunton, R.P. Trocine, S.V. Schonberg, N.D. McTigue, E.S. Hersh, and T.J. McDonald. 2013. Chemical and biological assessment of two offshore drilling sites in the Alaskan Arctic. Marine Environmental Research 86:35-45.
- UNFAO, 2007. United Nations Food and Agriculture Organization Fishery Country Profile for the State of Israel. Accessed 17 July 2016 at: [ftp://ftp.fao.org/fi/document/fcp/en/FI\\_CP\\_IL.pdf](ftp://ftp.fao.org/fi/document/fcp/en/FI_CP_IL.pdf).
- UNEP, 2011. United Nations Environment Programme (UNEP) Non-native species in the Mediterranean.
- United Nations Environment Programme. 2013. Protocol Concerning Specially Protected Areas and Biological Diversity in the Mediterranean. Annex II: List of Endangered or Threatened Species. Accessed 13 June 2016 at: [http://rac-spa.org/sites/default/files/annex/annex\\_2\\_en\\_2013.pdf](http://rac-spa.org/sites/default/files/annex/annex_2_en_2013.pdf).
- UK-HSE. 2009. Guidelines for Pipeline Operations on Pipeline Anchor Hazards. Health & Safety Executive. Revised 30<sup>th</sup> December 2009.
- UKOOA, 2006. Report on the analysis of DTI UKCS oil spill data from the period 1975 – 2005. October 2006. A report prepared by TINA consultants
- URS Corporation. 2009. Tsunami hazard in Israel. Report prepared by Hong Kie Thio, URS Corporation, Pasadena, CA. 73 pp.
- [USEPA] U.S. Environmental Protection Agency. 1976. Interim primary drinking water regulations - promulgation of regulations on radionuclides: Federal Register, v. 41, July 9, 1976, Part II, pp. 28,402-29,409.
- [USEPA] U.S. Environmental Protection Agency. 1998. Use of soil cleanup in 40 CFR Part 192 as remediation goals for CERCLA sites: EPA OSWER Directive 9200.4-25.
- U.S. Geological Survey. 1999. Naturally occurring radioactive materials (NORM) in produced water and oil-field equipment – An issue for the energy industry. Accessed 13 June 2016 at: <http://pubs.usgs.gov/fs/fs-0142-99/fs-0142-99.pdf>.
- U.S. Geological Survey. 2014. Israel: Seismicity Map – 1900 to March 2012. Accessed 13 June 2016, updated 8 May 2013 at: <http://earthquake.usgs.gov/earthquakes/world/israel/seismicity.php>.
- Uysal, Z. and I. Köksalan. 2006. The annual cycle of *Synechococcus* (cyanobacteria) in the northern Levantine Basin shelf waters (Eastern Mediterranean). Marine Ecology 27(3):187-197.
- Uysal, Z., and I. Köksalan. 2010. *Synechococcus* dynamics in the Levantine basin shelf waters (northeastern Mediterranean). Mediterranean Marine Science 11(2):277-294.
- Van del Abeele et al., 2011 Stability of Offshore Pipelines in Close Proximity to the Seabed, 6th Pipeline Technology Conference 2011
- Vidal, N., Alvarez-Marron, J. and Klaeschen, D., 2000, internal configuration of the Levantine Basin from seismic reflection data (Eastern Mediterranean): Earth and Planetary Science Letters, V. 180, p. 77-89
- Wales, S.C. and R.M. Heitmeyer. 2002. An Ensemble Source Spectra Model for Merchant Ship-Radiated Noise. The Journal of the Acoustical Society of America 111:1211.
- Weatherspark. 2014. Average weather for Haifa, Israel. Accessed 13 June 2016 at: <http://weatherspark.com/averages/32339/Haifa-Israel>.
- Piniak, W.E.D., 2012. Acoustic ecology of sea turtles: Implications for conservation (Doctoral dissertation, Duke University).



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Wenz, G.M. 1962. Acoustic ambient noise in the ocean: Spectra and sources. *Journal of the Acoustic Society of America* 34:1936-1956.

Yilmaz, K., A. Yilmaz, S. Yemeniciouglu, M. Sur, I. Salihoglu, Z. Karabulut, F.T. Karakoc, E. Hatipoglu, A.F. Gaines, D. Phillips, and A. Hewer. 1998. Polynuclear aromatic hydrocarbons (PAHs) in the Eastern Mediterranean Sea. *Marine Pollution Bulletin* 36(11):922-925.

Zelick, R., Mann, D. A. and Popper, A. N. 1999. Acoustic communication in fishes and frogs. In *Comparative Hearing: Fish and Amphibians* (ed. R. R. Fay and A. N. Popper), pp. 363-411. New York: Springer-Verlag

Zodiatis, G., B. Manca, and E. Balopoulos. 2001. Synoptic, seasonal and interannual variability of the warm core eddy south of Cyprus, SE Levantine Basin. *Rapp. Comm. Int. Mer. Medit.* 36:89.