

# TAL OZER

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## EDUCATION

- 2002 - 2005 Ruppin Maritime Collage, Michmoret, Israel  
*B.Sc in marine sciences*
- 2015 - 2021 Haifa University, Leon H. Charney School of Marine Sciences., Israel.  
Direct **PhD.** in Oceanography:  
“Thermohaline and nutrient dynamics in water masses of the  
Levantine Basin, SE Mediterranean Sea”

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## WORK EXPERIENCE

- 2009 - 2023 Israel Oceanographic & Limnological Research Haifa, Israel  
*Chief Oceanographic Technician*
- Marine data acquisition & analysis (CTD, ADCP, Profiler etc.)
  - Multidisciplinary Oceanographic Data Base developing and management.
  - Glider team leader and operator
- 2005 - 2023 Ruppin Maritime Collage Michmoret, Israel  
*Lecturer / Teaching Assistant (courses specified below):*
- Physical Oceanography –Data visualization and analysis (ODV, Surfer etc.)
  - Chemical and Biological Oceanography – Field sampling, data acquisition and analysis (Inc. lab analysis for Chl a, Dissolved Oxygen and Phosphorus).
  - Underwater research methods – Field work supervisor, instruments handling and data analysis
- 2005 - 2007 NanoCyte LTD. Zemach (Jordan valley), Israel  
*Biologist/ Zoologist*
- Research and Development of Sea-Anemones aqua-culturing System

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## SKILLS

**COMPUTER SKILLS:** MS Office (Including Macros scripts) Visual Basic, Fortrun, SQL, Python, ODV, Surfer, Grapher.

**LANGUAGES:** Hebrew (mother tongue), English (excellent), Spanish (basic).

**FIELD SKILLS:** Diving Instructor, International Skipper.

## PUBLICATIONS & CONFERENCES ABSTRACTS

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- Gertman, I., Goldman, R., Rosentraub, Z., **Ozer, T.**, Zodiatis, G., Hayes, D. And Poulain, P., 2010. Generation Shkimona anticyclonic eddy from longshore current. *Rapp. Comm. int. Mer Médit. (CIESM Congress Proceedings)*. Vol. 39: 114.
- Gertman, I., Goldman, R., **Ozer, T.**, Zodiatis, G., 2013. Interannual changes in the thermohaline structure of the south eastern Mediterranean. *Rapp. Comm. int. Mer Médit. (CIESM Congress Proceedings)*. Vol. 40: 2011.
- Efrati, S., Lehahn, Y., Rahav, E., Kress, N., Herut, B., Gertman, I., Goldman, R., **Ozer, T.**, Lazar, M., and Heifetz, E.: Intrusion of coastal waters into the pelagic eastern Mediterranean: in situ and satellite-based characterization, *Biogeosciences*, 10, 3349–3357, <https://doi.org/10.5194/bg-10-3349-2013>, 2013.
- Ozer, T.**, Gertman, I., Katsenelson, B., Bodzin, R., Lensky, N., 2015. Currents in the Dead Sea: Lagrangian and Eulerian observations. Poster EGU2015-14193.
- Kishcha, P., Starobinets, B., Gertman, I., **Ozer, T.**, Alpert, P., 2017. Observations of Unexpected Short-Term Heating in the Uppermost Layer of the Dead Sea after a Sharp Decrease in Solar Radiation. *International Journal of Oceanography*, In Press.
- Ozer T.**, Gertman I., Kress I., Silverman J. and Herut B., 2017. Interannual thermohaline (1979–2014) and nutrient (2002–2014) dynamics in the Levantine surface and intermediate water masses, SE Mediterranean Sea *Glob. Planet. Chang.*, 151 (2017), pp. 60-67.
- Katz, T., Weinstein, Y., Alkalay, R., Biton, E., Toledo, Y., Lazar, A., Zlatkin, O., Soffer, R., Rahav, E., Sisma-ventura, G., Bar, T., **Ozer, T.**, Gildor, H., Almogi-labin, A., Kanari, M., Berman-frank, I., Herut, B. (2020). The first deep-sea mooring station in the eastern Levantine basin (DeepLev), outline and insights into regional sedimentological processes. *Deep. Res. Part II: Topical Studies in Oceanography*, 171, 104663. <https://doi.org/10.1016/j.dsr2.2019.104663>
- Ozer T.**, Gertman I., Gildor H., Goldman R. and Herut B., 2020. Evidence for recent thermohaline variability and processes in the deep water of the Southeastern Levantine Basin, Mediterranean Sea. *Deep Sea Research II: Topical Studies in Oceanography*, pp. 104651. <https://doi.org/10.1016/J.DSR2.2019.104651>.
- Belkin, N., Guy-Haim, T., Rubin-Blum, M., Lazar, A., Sisma-Ventura, G., Kiko, R., Morovi, A. R., **Ozeri, T.**, Gertmani, Herut, B., Rahav, E. (2022). Influence of cyclonic and anticyclonic eddies on plankton in the southeastern Mediterranean Sea during late summertime. *Ocean Science*, 18(3): 693-715. <https://doi.org/10.5194/os-18-693-2022>.
- Ozer T.**, Gertman I., Gildor H. and Herut B. (2022). Thermohaline Temporal Variability of the SE Mediterranean Coastal Waters (Israel) – Long-Term Trends, Seasonality, and Connectivity. *Front. Mar. Sci.* 8:799457. doi: 10.3389/fmars.2021.799457
- Taillandier, V., D’Ortenzio, F., Prieur, L., Conan, P., Coppola, L., Cornec, M., Dumas, F., Durrieu de Madron, X., Fach, B., Fourrier, M., Gentil, M., Hayes, D., Husrevoglu, S., Legoff, H., Le Ster, L., Örek, H., **Ozer, T.**, Poulain, P.M., Pujó-Pay, M., Ribera d’Alcalà, M., Salihoglu, B., Testor, P., Velaoras, D., Wagener, T., Wimart-Rousseau, C. (2022). Sources of the Levantine

Intermediate Water in winter 2019. *Journal of Geophysical Research: Oceans*, 127, e2021JC017506. <https://doi.org/10.1029/2021JC017506>.

**Ozer T.**, Rahav E., Gertman I., Sisma-Ventura G., Silverman J. and Herut B. (2022). Relationship between thermohaline and biochemical patterns in the levantine upper and intermediate water masses, Southeastern Mediterranean Sea (2013–2021). *Front. Mar. Sci.* 9:958924. doi: 10.3389/fmars.2022.958924

Herut B., Rubin-Blum M., Sisma-Ventura G., Jacobson Y., Bialik O. M., Lawal M. A., **Ozer T.**, Kanari M., Antler G. and Makovsky Y. (2022). Discovery and chemical composition of the eastmost deep-sea anoxic brine pools in the Eastern Mediterranean Sea. *Front. Mar. Sci.*

Jajjel R., Biton E., Weinstein Y., **Ozer T.**, Katz T. (2023). Observations of turbidity currents in a small, slope-confined submarine canyon in the Eastern Mediterranean Sea. *Earth and Planetary Science Letters*, 604. <https://doi.org/10.1016/j.epsl.2023.118008>.