

**Dr. Mustafa Asfur** is a senior Lecturer in the Faculty of Marine Sciences at Ruppin Academic Center. His work focuses on marine lightning, atmospheric electricity and biochemical cycles. His recent studies deal with the effect of seawater chemistry (i.e., salinity, pH, alkalinity and temperature) on lightning intensity, and also an understanding of the effect of underwater acoustic waves generated by lightning on the marine environment. He began his undergraduate studies in 1991 at the University of Haifa in the field of atmosphere and received a master's degree in 1997. In 1998 he moved to Tel Aviv University and studied for a master's and doctorate in the Department of Geophysics and Planetary Sciences under the supervision of Prof. Colin Price. In 2005 he received a postdoctoral fellowship from the Council for Higher Education in Israel. In 2017 he was accepted as a Senior Lecturer in the Faculty of Marine Sciences, and he teaches and supervises graduate research students.