

Dr. E Devred holds a Ph.D. in satellite radiative transfer and remote sensing of ocean colour from the University of Littoral Cote d'Opale (France, 2001). Since 2001, Dr. E. Devred has carried out research on the development of algorithms to interpret changes in the color of the ocean as a function of phytoplankton, dissolved organic matter and suspended particle concentration as a postdoctoral fellow at Dalhousie university and the Bedford Institute of Oceanography. He also spent five years (2011-2016) at University Laval in the Joint International Laboratory Takuvik as a research associate to study the impact of receding sea ice on the marine ecosystem in the Arctic Ocean. Currently, Dr. E. Devred research interests include phytoplankton ecology and species succession using in situ measurements of phytoplankton pigment, taxonomic composition and satellite observations of ocean colour to study the transfer of energy in lower trophic levels in a changing ocean.