

Project LMR-PEL-09-08

Development of acoustic methodology for zooplankton biomass assessment

Hydro acoustic surveys conducted within the region often collect acoustic data at more than one frequency. These calibrated multi-frequency systems are operated continuously during acoustic surveys within the region and provide a wealth of data that can be used to study various research problems related to remote species identification and quantification. Progress made with respect to developing classification algorithms to separate fish from zooplankton, characterise zooplankton by size class and develop novel approaches that can further contribute to both an increased understanding of the ecosystems and improvement of acoustic surveys of fish biomass will be presented. A brief outline of future work is also provided.