Plastic debris has become a menace to the environment, consequently resulting in a need to synoptically detect, track and quantify it both at sea and on land. We therefore are investigating the possible utility of spectral information determined from remote sensing tools in the detection and identification of polymer sources of plastic debris. Sampled debris will be compared to our recently established spectral library of raw industrial polymer sources commonly found at sea and in household waste. Successful methods to remotely sense plastic debris will lead towards a better understanding of its distribution patterns, abundance and polymer source types in the natural environment over large areas and time periods.

Host: Heidi Dierssen
Time & Date: 11:00 am, Friday, November 20, 2015
Place: Marine Sciences Building, Seminar Room 103