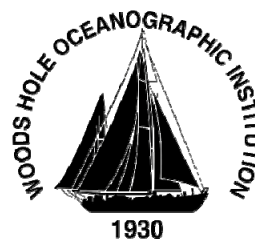

Woods Hole Oceanographic Institution
Biology Department Seminar

Thursday, May 15, 2014
Redfield Auditorium – 12:00 Noon



Testing for a Latitudinal Shift in a Species Distribution

Ms. Emily Moberg

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There is growing interest in detecting poleward shift in species distributions that may be associated with climate change. Existing methods for doing so may be sensitive to other kinds of changes in distribution and therefore give ambiguous results. Here, I describe a test based on the notion of stochastic dominance that avoids this ambiguity and apply it to some distributional data for Atlantic cod in the northwest Atlantic.