



**CONTRIBUTED SESSION:  
POPULATION CONNECTIVITY IN OCEAN  
ECOSYSTEMS**

Co-Chairs: Robert Cowen (USA) Francisco Werner (USA) and Glenn  
Gawarkiewicz (USA)

**THURSDAY, JUNE 9**

- 2.00-2.15      **POPULATION CONNECTIVITY IN OCEAN ECOSYSTEMS -  
INTRODUCTION**  
R. Cowen, G. Gawarkiewicz, J. Pineda, S. Thorrold, and F. Werner
- 2.15-2.30      **CONNECTIVITY AND FISH POPULATIONS DYNAMICS IN THE GREAT  
BARRIER REEF**  
Lance Bode, Shaun R. Belward, Daniel Cocks, Maurice James, and Luciano Mason
- 2.30-2.45      **DO OBSERVED SELF-RECRUITMENT RATES REQUIRE SPECIAL  
BEHAVIOURAL AND OCEANOGRAPHIC FEATURES? USING NULL  
MODELS TO EVALUATE THE EVIDENCE FOR ALTERNATIVE  
HYPOTHESES.**  
Brian P. Kinlan, Steven D. Gaines and David A. Siegel
- 2.45-3.00      **SIMULATION OF LAGRANGIAN TRAJECTORIES FROM MODELS  
WITH AND WITHOUT ASSIMILATION.**  
Julio Candela, Julio Sheinbaum, Bernard Barnier, and Michel Crepon
- 3.00-3.15      **COMPONENTS OF “EFFECTIVE” LARVAL DISPERSAL AND  
CONNECTIVITY: FROM GAMETE AND LARVAL RELEASE, TO  
SETTLEMENT AND SURVIVAL TO REPRODUCTION**  
Jesús Pineda, and Victoria Starczak
- 3.15-3.30      **CONNECTIVITY OF BIVALVE POPULATIONS: ASSESSING SOURCES  
OF LARVAL RECRUITS**  
L. Levin, B. Becker, J. Fodrie, J., P. McMillan, L. Rasmussen, . Cornuelle, C.  
Dibacco, L. Mullineaux, C. Strasser, J. Lerczak, S. Thorrold, M. Neubert, H.  
Caswell, J. Largier, and E. Di Lorenzo
- 3.30-3.45      **CONNECTIVITY OF LOBSTER POPULATIONS IN THE GULF OF MAINE  
(USA AND CANADA): RETENTION, DISPERSION AND RELATIVE  
CONTRIBUTIONS TO LOCAL AND DISTANT RECRUITMENT**  
Lewis S. Incze, Huijie Xue, David Greenberg, Danya Xu, Peter Lawton, Robert  
Steneck, Frederick Page, Carl Wilson, Randall Losier, and Nicholas Wolff
- 3.45-4.00      **USING MICROCHEMISTRY TO GAUGE DISPERSAL SCALES AND  
CONNECTIVITY AMONG MARINE POPULATIONS**  
Robert R. Warner
- 4.00-4.15      **DISPERSAL OF REEF FISH LARVAE AT THE 1-10 KM SCALE:  
HYDROGRAPHY, POPULATION GENETICS AND BEHAVIOR**  
Gabriele Gerlach, Jelle Atema and Michael J. Kingsford