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## BAROTROPIC TIDAL AND WIND-DRIVEN LARVAL TRANSPORT IN THE VICINITY OF A BARRIER ISLAND INLET

DOI: 10.1046/j.1365-2419.1999.00030.x  
Fisheries Oceanography, 1999, 8, 190-209.

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**Version:** 2024-04-23

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#	Paper	IF	Citations
44	Atlantic menhaden recruitment to a southern estuary: defining potential spawning regions. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 111-123	2.4	27
43	The South Atlantic Bight Recruitment Experiment: introduction and overview. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 1-6	2.4	7
42	Applications of SABRE to research and management. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 247-252	2.4	1
41	From spawning grounds to the estuary: using linked individual-based and hydrodynamic models to interpret patterns and processes in the oceanic phase of Atlantic menhaden <i>Brevoortia tyrannus</i> life history. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 224-246	2.4	40
40	Physical oceanography of the North Carolina continental shelf during the fall and winter seasons: implications for the transport of larval menhaden. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 7-21	2.4	47
39	Circulation and larval fish transport within a tidally dominated estuary. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 173-189	2.4	29
38	Transport of fish larvae through a tidal inlet. <i>Fisheries Oceanography</i> , <b>1999</b> , 8, 153-172	2.4	47
37	Particle transport through a narrow tidal inlet due to tidal forcing and implications for larval transport. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 24141-24156		30
36	Geographic Variation in Camouflage Specialization by a Decorator Crab. <i>American Naturalist</i> , <b>2000</b> , 156, 59-71	3.7	74
35	Lateral dynamic analysis and classification of barotropic tidal inlets. <i>Continental Shelf Research</i> , <b>2002</b> , 22, 2615-2631	2.4	26
34	Transient Tidal Circulation and Momentum Balances at a Shallow Inlet. <i>Journal of Physical Oceanography</i> , <b>2003</b> , 33, 913-932	2.4	84
33	Simulating larval supply to estuarine nursery areas: how important are physical processes to the supply of larvae to the Aransas Pass Inlet?. <i>Fisheries Oceanography</i> , <b>2004</b> , 13, 181-196	2.4	26
32	Movement patterns and trajectories of ovigerous blue crabs <i>Callinectes sapidus</i> during the spawning migration. <i>Estuarine, Coastal and Shelf Science</i> , <b>2004</b> , 60, 567-579	2.9	57
31	Barotropic tides in the South Atlantic Bight. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		41
30	Dispersion processes and transport pattern in the ROFI system of the eastern English Channel derived from a particle-tracking model. <i>Continental Shelf Research</i> , <b>2005</b> , 25, 2294-2308	2.4	21
29	Application of a coupled discontinuous/continuous Galerkin finite element shallow water model to coastal ocean dynamics. <i>Ocean Modelling</i> , <b>2005</b> , 10, 283-315	3	12
28	Dispersal dynamics of post-larval blue crabs, <i>Callinectes sapidus</i> , within a wind-driven estuary. <i>Fisheries Oceanography</i> , <b>2007</b> , 16, 257-272	2.4	17

27	Fouling in natural flows: Cylinders and panels as collectors of particles and barnacle larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2007</b> , 348, 85-96	2.1	14
26	Estuarine Recruitment, Growth, and First-Year Survival of Juvenile Red Drum in North Carolina. <i>Transactions of the American Fisheries Society</i> , <b>2008</b> , 137, 1089-1103	1.7	15
25	New Developments in the ADCIRC Community Model. <b>2008</b> ,		
24	Mass Residuals as a Criterion for Mesh Refinement in Continuous Galerkin Shallow Water Models. <i>Journal of Hydraulic Engineering</i> , <b>2008</b> , 134, 520-532	1.8	8
23	Ingress of Brachyuran Crab Post-larvae to the Newport River Estuary. <i>Estuaries and Coasts</i> , <b>2009</b> , 32, 309-318	2.8	6
22	Storm Surge Simulations of Hurricane Ike (2008): Its Impact in Louisiana and Texas. <b>2010</b> ,		3
21	It's about time: divergence, demography, and the evolution of developmental modes in marine invertebrates. <i>Integrative and Comparative Biology</i> , <b>2010</b> , 50, 643-61	2.8	47
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18	Microchemistry of juvenile <i>Mercenaria mercenaria</i> shell: implications for modeling larval dispersal. <i>Marine Ecology - Progress Series</i> , <b>2012</b> , 465, 155-168	2.6	9
17	Circulation dynamics and salt balance in a lagoonal estuary. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117,		23
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15	Skill assessment of a real-time forecast system utilizing a coupled hydrologic and coastal hydrodynamic model during Hurricane Irene (2011). <i>Continental Shelf Research</i> , <b>2013</b> , 71, 78-94	2.4	43
14	Investigation of saline water intrusions into the Curonian Lagoon (Lithuania) and two-layer flow in the Klaipėda Strait using finite element hydrodynamic model. <i>Ocean Science</i> , <b>2013</b> , 9, 573-584	4	44
13	Hydrodynamic characterization of Corpus Christi Bay through modeling and observation. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 7863-76	3.1	13
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11	Spatiotemporal Stability of Trace and Minor Elemental Signatures in Early Larval Shell of the Northern Quahog (Hard Clam) <i>Mercenaria mercenaria</i> . <i>Journal of Shellfish Research</i> , <b>2014</b> , 33, 247-255	1	7
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9	Tidal Datum Changes Induced by Morphological Changes of North Carolina Coastal Inlets. <i>Journal of Marine Science and Engineering</i> , <b>2016</b> , 4, 79	2.4	1
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7	A new offshore transport mechanism for shoreline-released tracer induced by transient rip currents and stratification. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 2843-2851	4.9	15
6	Analysis of environment-recruitment associations for a coastal red drum population reveals consistent link between year class strength and early shifts in nearshore winds. <i>Fisheries Oceanography</i> ,	2.4	
5	Climate-associated trends and variability in ichthyoplankton phenology from the longest continuous larval fish time series on the east coast of the United States. <i>Marine Ecology - Progress Series</i> , <b>2020</b> , 650, 269-287	2.6	5
4	Investigation of saline water intrusions into the Curonian Lagoon (Lithuania) and two-layer flow in the Klaipėda Strait using finite element hydrodynamic model.		1
3	Oyster Responses to the Deepwater Horizon Oil Spill across Coastal Louisiana: Examining Oyster Health and Hydrocarbon Bioaccumulation. <b>2014</b> , 290-315		
2	Elaboraci3n de mallas computacionales para la implementaci3n del Modelo ADCIRC (Advance Three Dimensional Circulation Model) en el Archipi3lago de Gal3pagos. <i>Avances En Ciencias E Ingenier3as</i> , <b>2014</b> , 6,	0.6	
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