

Hongsheng Bi

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(a). Professional preparation

2005 Ph.D, Biological Oceanography, Louisiana State Univ. Baton Rouge, LA 70803, USA
1996 M.S., Marine Ecology, Inst. of Oceanology Chinese Acad. of Sci., Qingdao, P. R. China
1994 B.S., Marine Biology, Ocean Univ. of China, Qingdao, P.R. China

(b). Appointments

Associate Professor, CBL/UMCES	July 2015 – present
Adjunct Faculty, Oregon State University	2009 - present
Assistant Professor, CBL/UMCES	Aug 2009 – 2015
Research Assistant Professor, Oregon State University	Apr 2009 – Aug 2009
Post-Doctoral Research Associate, Oregon State University	Jun 2005 – Apr 2009

(c). Products

Five most relevant products

S Shahrestani, **H Bi**, V Lyubchich, KM Boswell, 2017, Detecting a nearshore fish parade using the adaptive resolution imaging sonar (ARIS): an automated procedure for data analysis. *Fisheries Research*. Accepted.

H Bi, Z Guo, C Fan, MC Benfield, M Ford, 2015, An automated image analysis procedure for in situ plankton imaging systems, *PLOS One* 10 (5), e0127121.

H Bi, S Cook, H YU, MC Benfield, ED Houde, 2013, Deployment of an imaging system to investigate fine-scale spatial distribution of early-life stages of the ctenophore *Mnemiopsis leidyi* in Chesapeake Bay. *Journal of Plankton Research*, 35: 270 - 280.

H Bi, WT Peterson, PT Strub, 2011, Transport and coastal zooplankton communities in the northern California Current system, *Geophysical Research Letters*, 38, L12607, 5 PP., 2011, doi:10.1029/2011GL047927

H Bi, KA Rose, MC Benfield, 2011. Estimating copepod stage-specific mortality rates in open ocean waters: a case study from the northern Gulf of Mexico, U.S.A., *Marine Ecology Progress Series*, 247:145-159.

Five other products

CA Simpson, **H Bi**, D Liang, MJ Wilberg, AM Schueller, GM Nesslage, HJ Walsh, 2017, Spawning Locations and Larval Dispersal of Atlantic Menhaden during 1977-2013, *ICES Journal of Marine Sciences*, Provisionally Accepted.

L Wang, Q Li, **H Bi**, X Mao, 2016, Human impacts and changes in the coastal waters of south China, *Science of the Total Environment*, 562: 108-114.

- H Bi**, H Yu, A Pinchuk, R Harvey, 2015, Interannual summer variability in euphausiid populations on the eastern Bering Sea shelf during the recent cooling event (2008-2010). *Deep Sea Research Pt I*, 95:12-19.
- H Bi**, R Ji, H Liu, Y Jo, J Hare, 2014, Decadal changes in zooplankton of the Northeast U.S. continental shelf, *PLoS ONE*, 9(1): e87720. doi:10.1371/journal.pone.0087720.
- H Bi**, R Ruppel, WT Peterson. 2007. Modeling the salmon pelagic habitat off the Pacific Northwest coast using logistic regression, *Marine Ecology Progress Series*, 336: 249 - 265.

(d). Synergistic activities

- i). Co-convener, Workshop on zooplankton as indicators, 2016 ICES/PICES international zooplankton production symposium, Bergen, Norway, 2016
- ii) Convener, Workshop on population connectivity, Baltimore 2011
- iii). Developed graduate courses on environmental statistics and spatial ecology
- iv). Manuscript reviewer for Aquatic Living Resources, Coastal Shelf Sci, Canadian J. of Fish Aquatic Sci, Deep Sea Res, Ecology, Fish Oceanogr, ICES J. Mar Sci, J.of Expl Mar Biol Ecol, J. of Marine Systems, J. of Plankton Res., J Oceanogr, Limnol Oceanogr: Methods, Mar Ecol Prog Ser, Scientific Reports, Restoration Ecol, Global Change Biol, PLOS one, Prog Oceanogr.
- v) Proposal reviewer for NSF Biological Oceanographer, NSF Arctic Natural Research, NSF Arctic Observation Network, and Delaware Sea Grant. Panelist for NSF Graduate Research Fellowship Program 2013 2014.