

## Dr. Zhiyu Liu

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RESEARCH INTERESTS	Ocean turbulence and mixing, internal waves, stability of stratified shear flows, physical oceanography of coastal and shelf seas, upper ocean dynamics, geophysical fluid dynamics	
PROFESSIONAL PREPARATION	<b>Ocean University of China</b> , Qingdao, China <i>Physical Oceanography Laboratory</i> <i>Department of Oceanography</i>  Ph.D., Physical Oceanography, June, 2009 <ul style="list-style-type: none"><li>• Dissertation Title: Turbulence and Mixing in Tidally Energetic Shelf Seas</li><li>• Supervisor: Prof. Hao Wei</li></ul> <b>Bangor University</b> , Menai Bridge, UK <i>School of Ocean Sciences</i>  Visiting Study (with Prof. Steve Thorpe FRS), October, 2007 – April, 2009  <b>Arizona State University</b> , Tempe, Arizona USA <i>Center for Environmental Fluid Dynamics</i>  Visiting Study (with Prof. Iossif Lozovatsky), February, 2006 – May, 2006  <b>Ocean University of China</b> , Qingdao, China <i>Department of Oceanography</i>  B.Sc., Physical Oceanography, June, 2004	
ACADEMIC EXPERIENCE	<b>Xiamen University</b> , Xiamen, China <i>State Key Lab of Marine Environmental Science</i> <i>Department of Physical Oceanography</i>  Professor August, 2015 –  Associate Professor August, 2010 – July, 2015  Assistant Professor August, 2009 – July, 2010  <b>Université Pierre et Marie Curie</b> , Paris, France <i>LOCEAN-IPSL</i>  Visiting Scientist December, 2013 – November, 2014	
PUBLICATIONS	[23] Liu C., Köhl A., <b>Liu Z.</b> , Wang F., and Stammer D., 2016. Deep-reaching thermocline mixing in the equatorial Pacific cold tongue. <i>Nature Communications</i> , 7, 11576, doi:10.1038/ncomms11576. [22] <b>Liu Z.</b> <sup>†</sup> , 2016. On instability and mixing on the UK Continental Shelf. <i>Journal of Marine Systems</i> , 158, 72–83. ( <sup>†</sup> Corresponding author) [21] Wang X., Peng S., <b>Liu Z.</b> , Huang R.X., Qian Y., and Li Y., 2016. Tidal mixing in the South	

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bottom shear stress in the tidal bottom boundary layer of the Yellow Sea. *Progress in Natural Science*, 17(3), 289–297.

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