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## 陈旭

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### 陈旭

#### 副教授

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#### 教育经历:

1997/09-2001/06 中国海洋大学 海洋学 学士

2001/09-2003/06 中国海洋大学 物理海洋学 硕士

2003/09-2006/06 中国海洋大学 物理海洋学 博士

#### 工作经历:

2006/07-2012/12 中国海洋大学 海洋环境学院 讲师

2013/01-今 中国海洋大学 海洋与大气学院 副教授

### 主要项目:

2015/01-2018/12, 国家自然科学基金面上项目“近惯性内波的实验研究”(41476001), 95万, 主持

2010/01-2012/12, 国家自然科学基金青年项目“非线性内波能量传递的实验研究”(40906001), 23万, 主持

2013/01-2017/08, 国家重点基础研究发展计划(973)项目“上层海洋对台风的响应和调制机理研究”中第三课题“台风影响上层海洋的物理机制及参数化(2012CB430303)”, 骨干

### 代表文章:

Wang Tao, Chen Xu, Jiang Wensheng. Laboratory experiments on the generation of internal waves on two kinds of continental margin [J]. Geophysical Research Letters, 2012 (4)

Tao Wang, Wensheng Jiang, Xu Chen, Shizuo Feng, Acquisition of the tide-induced Lagrangian residual current field by the PIV technique in the laboratory, Ocean Dynamics 12/2013; 63(11-12). DOI:10.1007/s10236-013-0654-9

JIA Xiaona, CHEN Xu\*, LI Qun, LI Qiang, Study on Internal Waves Generated by Tidal Flow over Critical Topography, Journal of Ocean University of China, 2014, 05

Jinhu Wang, Xu Chen\*, Wei Wang, Qiang Li, Laboratory experiments on the resonance of internal waves on a finite height subcritical topography, Ocean Dynamics 09/2015; 65(9). DOI:10.1007/s10236-015-0874-2, 1.94

Qiang Li, Bing Wang, Xu Chen, Variability of nonlinear internal waves in the South China Sea affected by the Kuroshio and mesoscale eddies, Journal of Geophysical Research: Oceans, 2015, Volume 121, Issue 4, pp. 2098-2118

### 讲授课程:

本科: 海洋内波、物理海洋实验、流体力学、流体力学实验、海洋科学初探

### 研究兴趣:

海洋内波; 物理海洋实验

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### Education

09/1997-06/2001, B.S. in Marine Science, Ocean University of China

09/2001-06/2003, M.S. in Physical Oceanography, Ocean University of China

09/2003-06/2006, Ph.D. in Physical Oceanography, Ocean University of China

### EMPLOYMENT

07/2006-12/2012, Lecture, Ocean University of China

01/2013-present, Associate Professor, Ocean University of China

### Major PROJECTS

01/2015-12/2018, **NSFC project** “Experiment study of near-inertial internal waves” (41476001), 950k, PI

2010/01-2012/12, **NSFC project** “Experiment study of energy transport by nonlinear internal waves” (40906001), 230k, PI

01/2015-08/2019, **National Basic Research Program of China (973) project** “Upper Ocean Response and Feedback Mechanisms to Typhoon” (2012CB430303), Participant

### REFEREED PUBLICATIONS

Wang Tao, Chen Xu, Jiang Wensheng. Laboratory experiments on the generation of internal waves on two kinds of continental margin [J]. Geophysical Research Letters, 2012 (4)

Tao Wang, Wensheng Jiang, Xu Chen, Shizuo Feng, Acquisition of the tide-induced Lagrangian residual current field by the PIV technique in the laboratory, Ocean Dynamics 12/2013; 63(11-12). DOI:10.1007/s10236-013-0654-9

JIA Xiaona, CHEN Xu\*, LI Qun, LI Qiang, Study on Internal Waves Generated by Tidal Flow over Critical Topography, Journal of Ocean University of China, 2014, 05

Jinhu Wang, Xu Chen\*, Wei Wang, Qiang Li, Laboratory experiments on the resonance of internal waves on a finite height subcritical topography, *Ocean Dynamics* 09/2015; 65(9). DOI:10.1007/s10236-015-0874-2, 1.94  
Qiang Li , Bing Wang , Xu Chen , Variability of nonlinear internal waves in the South China Sea affected by the Kuroshio and mesoscale eddies, *Journal of Geophysical Research: Oceans*, 2015, Volume 121, Issue 4, pp. 2098-2118

### Courses

Undergraduate: Internal waves, physical oceanography experiment, fluid mechanics, Experiment in fluids

### Research Interests

Internal waves, physical oceanography experiment

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