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首页　　学院概况　　师资队伍　　党团工作　　教学工作　　科学研究　　规章制度

当前位置：首页　师资队伍　海洋学系　教授

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教育经历：

1978/10 - 1982/07 中北大学 特种动力 学士

1987/09 - 1990/07 西安交通大学 力学 硕士

1994/09 - 1997/10 中国科学院青岛海洋研究所 物理海洋 博士

工作经历：

1982/08 - 1987/08 山东红旗机械厂 助理工程师

1990/07 - 1994/08 青岛科技大学 讲师

1997/10 - 1999/12 中国海洋大学 海洋科学博士后流动站 博士后

2014/01 - 今   中国海洋大学 海洋与大气学院 教授

主要项目：

2017/01-2020/12，973计划前期研究专项"海洋内波对海上石油平台稳定性和安全性的影响"（2007CB416600-05）90万，主持

2018/01-2010/12，920项目子课题《北黄海水文部分区域特征分析》110万，主持

代表文章：

Du, Tao, X. Yan and T. Duda, A numerical study on the generation of a distinct type of nonlinear internal wave packet in the South China Sea，Chin. J. Oceanol. Limnol., 28(3):658-666，2010．．

Du, Tao, Y. Tseng, and X. Yan, Impacts of tidal currents and Kuroshio intrusion on the generation of nonlinear internal waves in Luzon Strait, (2008)J. Geophys. Res., 113, C08015,doi:10.1029/2007JC004294, 8 August 2008.

Du Tao et al., The estimation of internal soliton force and moment on a pile in Oceans, 2007, J. Ocean University of China.

Du, Tao, Fang Xinhua, Fang Guohong. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope III. Numerical experiments and simulation. Chin. J. Oceanol. Limnol., 2000, 18(1):18-24.

Du, Tao, Fang Guohong, Fang Xinhua. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope II. Stability analysis. Chin. J. Oceanol. Limnol., 1999, 17(3):252-257.

Du, Tao, Fang Guohong, Fang Xinhua. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope I. Model design. Chin. J. Oceanol. Limnol., 1999, 17(2):125-132.

LIANG Jianjun, DU Tao et al., Numerical investigation of wake-collapse internal waves generated by a submerged moving body, 2016, Chin. J. Oceanol. Limnol. http://dx.doi.org/10.1007/s00343-017-6041-5.

方欣华，杜涛 《海洋内波基础和中国海内波》2005，中国海洋大学出版社。

讲授课程：

本科：理论力学，工程环境海洋学

研究生： 海洋工程管理技术

研究兴趣：
海洋内波

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09/1987-07/1990, M.D. in Mecanics, Xian' JiaoTong University, China
09/1994-10/1997, Ph.D. in Physical Oceanography, Institute of Oceanography, Chinese Acadame of Science

EMPLOYMENT
08/1982-08/1987, Associate Enginner, ShanDong HongQi Machinery Factory, China
07/1990-08/1994, Lecture,Qingdao Science and Techlology Univresity, china
10/1997-12/1999, Post Doctor, Ocean Univresity of China.
2000-present, Professor, Ocean University of China

REFEREED PUBLICATIONS
[1] Du, Tao, X. Yan and T. Duda, A numerical study on the generation of a distinct type of nonlinear internal wave packet in the South China Sea，Chin. J. Oceanol. Limnol., 28(3):658-666，2010．.

[2] Du, Tao, Y. Tseng, and X. Yan, Impacts of tidal currents and Kuroshio intrusion on the generation of nonlinear internal waves in Luzon Strait, (2008)J. Geophys. Res., 113, C08015,doi:10.1029/2007JC004294, 8 August 2008.

[3] Du Tao et al., The estimation of internal soliton force and moment on a pile in Oceans, 2007, J. Ocean University of China.

[4] Du, Tao, Fang Xinhua, Fang Guohong. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope III. Numerical experiments and simulation. Chin. J. Oceanol. Limnol., 2000, 18(1):18-24.

[5] Du, Tao, Fang Guohong, Fang Xinhua. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope II. Stability analysis. Chin. J. Oceanol. Limnol., 1999, 17(3):252-257.

[6] Du, Tao, Fang Guohong, Fang Xinhua. A layered numerical model for simulationg the generation and propagation of internal tides over continental slope I. Model design. Chin. J. Oceanol. Limnol., 1999, 17(2):125-132.

[7] LIANG Jianjun, DU Tao et al., Numerical investigation of wake-collapse internal waves generated by a submerged moving body, 2016, Chin. J. Oceanol. Limnol. http://dx.doi.org/10.1007/s00343-017-6041-5.

[8] Fang Xinhua，Du Tao, Fundamentals of Oceanic Internal Waves and Internal Waves in the China Seas, 2005, China Ocean University Press.

Courses

Undergraduate: Theoretical Mechanics, Oceanography of Ocean Engineering.

Graduate: Management Technology of Ocean Engineering.

Research Interests

Internal waves.

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