港口、海岸及近海工程（081505）
Harbor, Coastal and Offshore Engineering

学科门类：工学（08）　一级学科：水利工程（0815）

Discipline Category: Engineering (08)

First-Class Discipline: Hydraulic Engineering (0815)

一、学科简介

我校港口、海岸及近海工程学科 1981 年海岸工程专业成为全国首批博士学位授权点，1988 年近海工程专业成为硕士学位授权点，1990 年港口航道工程专业成为全国首个博士学位授权点，2007 年港口、海岸及近海工程学科被评为国家重点学科，是国家“211 工程”、“全球水循环与国家水安全”985 优势学科创新平台重点建设学科。所在的一级学科“水利工程”在第二轮（2009 年）、第三轮（2012 年）学科评估中获得全国第一名，在第四轮（2016 年）学科评估中全国排名 A+，并于 2017 年入围国家一流建设学科名单，2021 年再次入选“双一流”建设学科。

本学科拥有一支年龄结构、学缘结构、学历结构相对合理的高水平师资队伍，学术气氛浓厚。现有正高 16 名，副高 28 名，博士生导师 37 名，硕士生导师 65 名。享受政府特殊津贴专家 4 名，国务院学位委员会学科评议组成员 1 名；入选省部级及以上人才工程 50 余人次，其中国家级高层次人才计划 5 人次；入选省部级创新团队 3 支。

本学科拥有 5 个省部级科研平台，始终以服务国家需求为引领，以探索前沿科学问题为导向，持续开展重大技术问题和基础理论研究，完成了一批原创性的科研成果，获国家和省部级科技奖 140 余项，其中国家科技奖一等奖 3 项。近五年来，科研经费超 2 亿元，发表 SCI 论文 300 余篇，授权发明专利近 200 项，参与编制规范近 20 部。

I. Discipline Overview

In 1981, Coastal Engineering was granted as one of the first specialties leading to Doctoral degree; in

1988, Offshore Engineering was approved leading to Master degree; in 1990, Harbor and Waterway Engineering became the first specialty leading to Doctoral degree in China; in 2007, Harbor, Coastal and Offshore Engineering became a key discipline of national “211 Project” and “985 Project Innovation Platform” (Global water cycle and national water security). The first-level discipline Water Conservancy Engineering won the first place in the second round (2009) and the third round (2012) national discipline evaluation, and the ranking A+ in the fourth round (2016) discipline evaluation in the country, and in 2017, it was shortlisted for the list of national first-class construction disciplines, and in 2021, it was selected as a “double first-class” construction discipline again.

There is a strong academic atmosphere and a high-level faculty with reasonable structures of age, academic relationship, educational background for the discipline. The disciplinary team now has 16 high professional and 28 deputy high professional, 37 doctoral supervisors, 65 master supervisors, 3 experts entitled to Government Special Allowance (GSA), and 1 member of the Committee of Academic Degree under the State Council; 3 groups selected as the provincial/ministry innovative research or teaching group. In addition, more than 50 times have the faculty members been selected into provincial and ministerial level talents programs, among which 5 times for National high-level talent plan.

There are 5 provincial and ministerial-level research platforms for the discipline. The academic team has been carrying out major technical issues and basic theoretical research for exploring frontier scientific issues and serving the national needs. A batch of scientific research results of originality, more than 140 times of national and provincial science and technology awards have been achieved, including 3 times of national science and technology awards. In the past five years, the research funding has exceeded 200 million RMB, more than 300 high-level academic papers (SCI index) have been published, nearly 200 invention patents have been authorized, and nearly 20 industry standards have been compiled by the academic team.

二、培养目标

1. 河海大学博士层次外国留学生应当在港口、海岸及近海工程领域中具有宽阔的国际视野，能够在世界范围内创新运用和发展港口、海岸及近海工程的理论、技能和方法，在国际事务中具有竞争优势。

2. 以英语为专业教学语言的学科中，外国留学生毕业时，博士研究生的中文能力应当至少达到《国际汉语能力标准》三级水平。

3. 本学科博士留学研究生旨在培养本学科领域的高层次人才。培养在本门学科上掌握坚实宽广的基础理论和系统深入的专门知识；具有独立从事科学研究工作的能力；在科学或专门技术上做出创造性的成果；能够熟练应用计算机开展科学研究和利用英语进行学术交流，了解中国文化并具备汉语日常交流能力的高层次学术型人才。

II. Training Objectives

1. International PhD graduates of Hohai University are expected to have broad international view in the relevant academic fields; to creatively apply and develop the theories, skills, and methodologies of the relevant disciplines in the world, and to obtain competitive advantage in the international academic affairs.

2. International PhD graduates must meet the requirement of Level 3 in Chinese Language Proficiency Scales upon graduation if they conduct their coursework in English.

3. The purpose of PhD students of the Harbour, Costal and Offshore Engineering is to cultivate high-level talents in this academic field. They should have the abilities as following. Firstly, they should master the solid and broad basic theory and systematic and in-depth expertise of this field. Secondly, they should have the ability to engage in scientific research independently. Thirdly, they can use computers to carry out scientific research and academic exchanges in English skillfully. Lastly, they should understand Chinese culture and have the ability of daily communication in Chinese.

三、主要研究方向

1. 河口海岸及近海工程水动力环境

2. 海岸防灾减灾与保护修复

3. 生态航道与工程泥沙

4. 港航海工结构及其与环境相互作用

5. 港航物流与绿色发展

III. Research Directions

1. Hydrodynamics of Estuary, Coastal and Offshore Engineering

2. Coastal Disaster Prevention and Restoration

3. Ecological Waterways and Sedimentation Engineering

4. Engineering Structure and Its Interaction with Surrounding Medium

5. Waterborne Logistics and Green Development

四、学制和学习年限

学术学位全英文博士留学研究生的标准学制为 4 年。实行弹性学制，学习年限最短不少于 3 年，最长不超过 6 年。

IV. Number of Years Requirement

The PhD program typically requires 4 years to complete. However, the completing time may vary to 3 years as the minimum and 6 years as the maximum.

五、学分要求和课程设置

1. 学术学位全英文博士留学研究生课程总学分为 15 学分，其中学位课程为 10 学分，非学位课程为 5 学分。另设教学环节。所有课程学习一般应在入学后 1 年内完成。

2. 汉语课每学分为 24 学时，中国概况课每学分为 18 学时，其他课程每学分为 16 学时。

3. 中国国情教育（水韵课堂）为系列专题讲座，要求学生按照要求完成规定的学习任务。

4. 对于汉语水平已达到毕业要求的学生，可申请免修汉语，具体要求详见留学生课程免修有关规定。

具体课程设置如下：

V. Credit Requirements and Curriculum

1. International academic PhD students will complete 15 credits, 10 of which are from degree courses, and 5 of which are from non-degree courses. Students will also complete academic activities. Coursework will be completed in one year after registration.

2. Each credit of Chinese language course is 24 credit hours. Each credit of Introduction to China is 18 credit hours. For other courses, each credit is 16 credit hours.

3. “Water Harmony Lectures” is a series of seminars, which require students to complete the specified learning tasks.

4. For students who have met the Chinese language requirement for the PhD degree, Chinese language courses can be exempted, of which the details can be referred to in relevant regulations.

The specific curriculum is as follows:

港口、海岸及近海工程全英文学术型留学博士研究生课程设置

Curriculum for English Taught International Academic PhD Students in Harbor, Coastal and Offshore Engineering

课程类别 Category		课程代码 Course Code	课程名称 Course Name	学分 Credit	学时 Hours	开课学期 Term	备注 Remarks
学位课程 Degree Course 10 学分	公共课程 General Course	2022LD000001	汉语 I Chinese Language I	2	48	秋 Autumn	必修 Compulsory
		2022LD000003	中国概况 Introduction to China	2	36	秋 Autumn	
		2022LD110001	论文写作指导 Guide of Thesis Writing	2	32	秋、春 Autumn/ Spring	
	基础课程 Basic Course	2022LD880001	应用数学 Applied Mathematics	4	64	秋 Autumn	选修 2 学分 Optional 2 credits at least
		2022LD880002	动力系统、混沌与分形 Dynamic Systems, Chaos and Fractal	3	48	春 Spring	
		2022LD880003	随机微分方程 Stochastic Differential Equations	2	32	春 Spring	
		2022LD990101	水文学与水文模拟 Hydrology and Hydrological Modelling	2	32	秋 Autumn	
		2022LD990401	岩石水力学 Rock hydraulics	2	32	春 Spring	
	专业课程 Major Course	2022LD990301	高等海岸动力学 Advanced Coastal Dynamics	2	32	春 Spring	选修 2 学分 Optional 2 credits at least
		2022LD030102	高等结构分析理论与方法 Advanced Theory and Method of Structure Analysis	2	32	秋 Autumn	
非学位课程 Non-degree Course 5 学分		2022LD110002	中国国情教育（水韵课堂） Water Harmony Lectures	1	16	秋、春 Autumn/ Spring	必修 Compulsory
		2022LD000002	汉语 II Chinese Language II	2	48	春 Spring	
		2022LD770001	高等计算力学 Advanced Computational Mechanics	2	32	春 Spring	选修 2 学分 Optional 2 credits at least
		2022LD030103	河口海岸地下水动力学 Estuarine and coastal groundwater dynamics	2	32	春 Spring	
		2022LD550002	高级宏观经济学 Advanced Macro-Economics	2	32	秋 Autumn	
		选修博士课程 Optional courses for PhD					选修 Optional
教学环节 Academic Activity		学术活动（含博导讲座） Seminar and Conferences (including seminars by PhD advisors)					必修 Compulsory
		实践活动 Practice Activity					
		科学研究 Scientific Research					

六、教学环节

1. 个人培养计划

学术学位博士研究生入学后，应在导师指导下，在规定时间内按照培养方案和学位论文工作有关规定，结合研究方向和本人实际情况制定个人培养计划，其中学习计划在入学 2 个月内提交。

2. 学术活动

学术学位博士研究生学术活动包括参加国内外学术会议、专家学术讲座、博士生导师讲座，以及研究生学术研讨活动等。申请学位论文答辩前必须参加 20 次以上的学术交流活动，其中博士生导师讲座至少 8 次。本人需要做公开的学术报告 1 次（开题报告、中期检查、预答辩、答辩不计入），由指导教师负责对其学术报告效果进行考核。研究生参加学术活动必须填写相关学术活动登记本。

3. 实践活动

为培养劳动实践能力和责任意识，学术学位博士研究生必须参加实践活动，实践活动形式包括助教、助管、助研、生产实践、社会实践等。由导师对学生实践环节的时长和效果进行考核和评价。

4. 科学研究

学术学位博士研究生应积极参加科学研究课题，并应具有在导师指导下独立负责某专题或子课题的研究工作经历。课题完成后由导师提出综合评审意见。

VI. Academic Activities

1. Study Proposal

The PhD students must prepare a study proposal on how they will complete the PhD degree by considering their research interests, advice from their research advisors, and other requirements mentioned in this document. The proposal must be submitted in two months after official registration.

2. Seminars and Presentations

PhD students must participate in academic conferences, seminars by experts and PhD advisors, and discussion panels. Before their dissertation defense, PhD students must participate in seminars and conferences over 20 times, including at least 8 seminars by PhD advisors, and deliver at least 1 academic

presentation (the activities concerning with their dissertation are not counted). The presentations delivered by the PhD students will be evaluated by their own research advisors. All the seminars and presentations should be recorded in relevant record book.

3. Practice Activities

PhD students are required to participate in practice activities to prepare professional development. Practice activities include teaching assistantship, research assistantship, management assistantship, and industry engagement etc., which are to be assessed by the advisors.

4. Scientific Research

International academic PhD students should vigorously participate in scientific research projects, and shall be capable of conducting independent research on a particular topic or sub-topic under the guidance of their advisors. Their performance will be evaluated by their research advisors.

七、论文工作

学术学位博士学位论文研究工作必须经过文献阅读、论文选题、论文计划及开题报告、论文中期检查、科研成果产出、学位论文预审、学位论文评阅、学位论文答辩等环节。具体按照《河海大学博士学位论文工作管理办法》和学院相关文件执行。留学博士研究生可使用英文撰写论文。

VII. Dissertation

The dissertations of academic PhD students are required to complete the stages of literature review, topic selection, dissertation plan and dissertation proposal, mid-term examination, output of scientific research achievements, pre-examination, review and assessment, and dissertation defense. Detailed requirements can be referred to in “Hohai University PhD. Dissertation Management Measures” and relevant documents in College of Harbour,Coastal and Offshore Engineering. Dissertations in English is acceptable.

八、本学科推荐阅读的重要书目、专著和学术期刊

VIII. Recommended Bibliographies, Monographs, and Academic Journals of the Discipline

1. 张云, 周晓蓉, 黄佳栋, 郭勇斌, 肖雷, 黎婉雯. 桥梁结构地震易损性分析理论与实践[M]. 北京: 科学出版社, 2019.

2. 唐友刚, 沈国光, 刘利琴. 海洋工程结构动力学[M]. 天津: 天津大学出版社, 2008.

3. 刘金实, 胡昊灏. 海洋工程结构动力学基础[M]. 北京: 科学出版社, 2020.

4. 杨桂通. 弹塑性力学引论(第二版)[M]. 北京: 清华大学出版社, 2020.

5. 张鹏. 弹塑性力学基础理论与解析应用(第 3 版)[M]. 哈尔滨: 哈尔滨工业大学出版社, 2020.

6. 李庆斌. 混凝土断裂损伤力学[M]. 北京: 科学出版社, 2021.

7. 范向前. 复杂工况下混凝土轴拉力学特性及损伤机理[M]. 北京: 科学出版社, 2018.

8. 刘新东, 郝际平. 连续介质损伤力学[M]. 北京: 国防工业出版社, 2011.

9. 陆新征, 蒋庆, 缪志伟, 潘鹏. 建筑抗震弹塑性分析(第二版)[M].北京: 中国建筑工业出版社, 2015.

10. 王玉英. 优化与决策[M]. 西安: 西安交通大学出版社, 2014.

11. 马璐, 吕品. 物流决策与优化[M]. 武汉: 华中科技大学出版社, 2019.

12. 何世伟. 综合运输体系下快捷货运网络运能配置与优化技术[M]. 北京: 科学出版社, 2010.

13. 殷明. 基于价格决策的集装箱班轮运输收益优化[M]. 上海: 上海交通大学出版社, 2019.

14. 肖玉杰. 综合交通运输体系复杂系统决策模型及应用研究[M]. 南京: 江苏科学技术出版社, 2013.

15. 金伟良, 赵羽习. 混凝土结构耐久性(第二版)[M]. 北京: 科学出版社, 2020.

16. 叶正寅, 张伟伟, 史爱明. 流固耦合力学基础及其应用[M]. 哈尔滨: 哈尔滨工业大学出版社, 2010.

17. 薛禹群, 谢春红. 地下水数值模拟[M]. 北京: 科学出版社, 2007.

18. 严恺, 梁其荀. 海岸工程[M]. 北京: 海洋出版社, 2002.

19. 四兵锋, 高自友. 交通运输网络流量分析与优化建模[M]. 北京: 人民交通出版社, 2013.

20. 蔡正银. 港口工程数值仿真技术[M]. 北京: 人民交通出版社, 2020.

21. 戈龙仔. 港口工程波浪-结构-地基耦合作用破坏机理研究大比尺模型试验技术手册[M]. 北京: 科学出版社, 2020.

22. 厉泽逸, 吴红霞. 港口工程桩基设计与施工关键技术研究[M]. 武汉: 长江出版社, 2020.

23. 钮新强. 船闸与升船机设计[M]. 北京: 中国水利水电出版社, 2007.

24. 钮新强. 全衬砌船闸设计[M]. 北京: 长江出版社, 2011.

25. 陈达, 沈才华. 高桩码头结构分段设计理论和方法[M]. 北京: 科学出版社, 2012.

26. 张华庆, 孙熙平, 王元战. 软粘土地基港口工程新结构研究[M]. 北京: 人民交通出版社, 2017.

27. 长江南京以下深水航道建设工程指挥部. 长江南京以下 12.5m 深水航道工程实践与创新[M]. 北京: 人民交通出版社, 2020.

28. 牛志国. 船闸水工建筑物设计与工程实践[M]. 南京: 东南大学出版社, 2019.

29. 蒋柳鹏, 张艳. 港口-产业-城市复合系统空间演化分析与模拟研究[M]. 河海大学出版社, 2015.

30. 张艳, 蒋柳鹏. 无水港理论与优化[M]. 南京: 河海大学出版社, 2016.

31. 王伟, 封学军. 区域物流系统演化机理及其布局优化[M]. 北京: 电子工业出版社, 2011.

32. 朱伯芳. 有限单元法原理与应用(第四版)[M]. 北京: 中国水利水电出版社, 2018.

33. 凌道声, 徐兴. 非线性有限元及程序[M]. 杭州: 浙江大学出版社, 2004.

34. 孙志恒. 水工混凝土建筑物的检测、评估与缺陷修补工程应用[M]. 北京: 中国水利水电出版社, 2004.

35. 彭茂林, 李进军. 水工程结构缺陷一般加固技术[M]. 北京: 中国水利水电出版社, 2007.

36. 金伟良, 赵羽习. 混凝土结构耐久性[M]. 北京: 科学出版社, 2020.

37. 许立坤. 海洋工程的材料失效与防护[M]. 北京: 化学工业出版社, 2014.

38. 吴发启. 水土保持学概论(第二版)[M]. 北京: 中国农业出版社, 2016.

39. 朱建荣. 海洋数值计算方法和数值模式[M]. 北京: 海洋出版社, 2003.

40. 林刚. 计算海岸动力学[M]. 北京: 海洋出版社, 2010.

41. 王树理, 王树仁, 孙世国, 杨万斌, 朱建明. 地下建筑结构设计(第三版)[M]. 北京: 清华大学出版社, 2015.

42. 张乾青, 张忠苗. 桩基工程[M]. 北京: 中国建筑工业出版社, 2018.

43. 龚晓南. 桩基工程手册(第二版)[M]. 北京: 中国建筑工业出版社, 2016.

44. 刘国彬, 王卫东. 基坑工程手册(第二版)[M]. 北京: 中国建筑工业出版社, 2013.

45. 龚晓南. 海洋土木工程概论[M]. 北京: 中国建筑工业出版社, 2018.

46. 李荣冠, 王建军, 林和山. 中国典型滨海湿地[M]. 北京: 科学出版社, 2015.

47. 于君宝, 栗云召, 管博. 黄河三角洲滨海湿地退化过程与生态修复[M]. 北京: 科学出版社, 2019.

48. 吴崇, 冉李. 海上风电场设计与运行[M]. 北京: 中国水利水电出版社, 2017.

49. 陈小海. 海上风力发电机设计开发[M]. 北京: 中国电力出版社, 2017.

50. 陈达. 海上风电机组基础结构[M]. 北京: 中国水利水电出版社, 2014.

51. 刘家驹. 海岸泥沙运动研究及应用[M]. 北京: 海洋出版社, 2009.

52. 钱宁, 万兆惠. 泥沙运动力学[M]. 北京: 科学出版社, 2003.

53. 罗肇森. 河口治理与大风骤淤[M]. 北京: 海洋出版社, 2009.

54. 封学军. 港口群系统及其优化研究[M]. 南京: 河海大学出版社, 2011.

55. 王炳煌. 高桩码头工程[M]. 北京: 人民交通出版社, 2010.

56. 吴澎. 深水航道设计[M]. 北京: 人民交通出版社，2011.

57. Hubert H G S. Salinity and Tides in Alluvial Estuaries[M]. Netherlands: Elsevier, 2005.

58. Gerd M, Michael H, Jasper K. Introduction to Coastal Processes & Geomorphology(second edition)[M]. U.K.: Routledge Press, 2011.

59. Robert G D, Robert A. Coastal Processes with Engineering Applications[M]. U.K.: Cambridge University Press, 2004.

60. Richard W, Richard S, Roberts W, et al. Dynamics of estuarine muds[M]. Thomas Telford Press, 2000.

61. Ashish J M. An Introduction to Hydraulics of Fine Sediment Transport[M]. U.S.: World Scientific Press, 2014.

62. Leo C. van Rijn. Principles of Fluid Flow and Surface Waves in Rivers, Estuaries, Seas and Oceans[M]. Netherlands: Aqua Press, 2011.

63. Dominic R, Andrew C, Christopher F. Coastal Engineering Processes, Theory and Design Practice[M]. U.K.: Spon Press, 2018.

64. Robert T H. Waves and Wave Forces on Coastal and Ocean Structures[M]. U.S.: World Scientific Press, 2006.

65. Kim Y C. Handbook of coastal and ocean engineering[M]. U.S.: World Scientific, 2010.

66. Dean R G. Beach Nourishment: Theory and Practice[M]. Singapore: World scientific Press, 2002.

67. Joao C, Mairead A. Floating Offshore Wind Energy: The Next Generation of Wind Energy[M]. Portugal: Springer Press, 2016.

68. Antonio S, Claudio S. Optimization and Decision Science: Methodologies and Applications[M]. Italy: Springer Press, 2017.

69. Job D. Dynamics of Coastal Systems, (second edition)[M]. U.S.: World Scientific Press, 2016.

70. Gjørv O E. Durability Design of Concrete Structures in Severe Environments [M]. U.S.: CRC Press, 2014.

71. Dyer T. Concrete Durability [M]. U.S.: CRC Press, 2014.

72. Bird J. Seaport and Seaport terminals[M]. London: Hutchinson University Library Press, 1971.

73. Nielsen P. Coastal Bottom Boundary Layers and Sediment Transport[M]. U.S.: World Scientific Press, 1992.

74. Kowalik Z, Murty T S. Numerical Modeling of Ocean Dynamics[M]. U.S.: World Scientific Press, 1993.

75. Wilde P, Kozakiewicz A. Kalman Filter Method in the Analysis of Vibrations Due to Water Waves[M]. U.S.: World Scientific Press, 1993.

76. Hughes S A. Physical Models and Laboratory Techniques in Coastal Engineering[M]. U.S.: World Scientific Press, 1993.

77. Wood I R, Bell R G, Wilkinson D L. Ocean Disposal of Wastewater[M]. U.S.: World Scientific Press, 1993.

78. Chakrabarti S K. Offshore Structure Modeling[M]. U.S.: World Scientific Press, 1994.

79. Bernard L M, Shen W. Water Waves Generated by Underwater Explosion[M]. U.S.: World Scientific Press, 1996.

80. Stanisław R M. Ocean Surface Waves: Their Physics and Prediction[M]. U.S.: World Scientific Press, 1996.

81. Sumer B M. Hydrodynamics around Cylindrical Strucures[M]. U.S.: World Scientific Press, 2006.

82. Dingemans M W. Water Wave Propagation over Uneven Bottoms: Linear Wave Propagation[M]. U.S.: World Scientific Press, 1997.

83. Silvester R, Hsu J R C. Coastal Stabilization[M]. Singapore: World Scientific Press, 1997.

84. Goda Y. Random Seas and Design of Maritime Structures[M]. U.S.: World Scientific Press, 2010.

85. Kamphuis J W. Introduction to Coastal Engineering and Management[M]. U.S.: World Scientific Press, 2000.

86. Sumer B M. The Mechanics of Scour in the Marine Environment[M]. U.S.: World Scientific Press, 2002.

87. Dean R G. Beach Nourishment: Theory and Practice[M]. U.S.: World Scientific Press, 2002.

88. Douglass S L. Saving America's Beaches: The Causes of and Solutions to Beach Erosion[M]. U.S.:

World Scientific Press, 2002.

89. Chakrabarti S K. The Theory and Practice of Hydrodynamics and Vibration[M]. U.S.: World Scientific Press, 2002.

90. Hudspeth R T. Waves and Wave Forces on Coastal and Ocean Structures[M]. U.S.: World Scientific Press, 2006.

91. Lewandowski E M. The Dynamics of Marine Craft: Maneuvering and Seakeeping[M]. U.S.: World Scientific Press, 2004.

92. Mei C C, Stiassnie M A, Yue D K P. Theory and Applications of Ocean Surface Waves: Part 1: Linear Aspects[M]. U.S.: World Scientific Press, 2005.

93. Svendsen I A. Introduction to Nearshore Hydrodynamics[M]. U.S.: World Scientific Press, 2005.

94. Dronkers J. Dynamics of Coastal Systems[M]. U.S.: World Scientific Press, 2005.

95. Fredsoe J, Sumer B M. Hydrodynamics around Cylindrical Structures (Revised Edition)[M]. U.S.: World Scientific Press, 2006.

96. Kim C H. Nonlinear Waves and Offshore Structures[M]. U.S.: World Scientific Press, 2008.

97. Shibayama T. Coastal Processes: Concepts in Coastal Engineering and Their Applications to Multifarious Environments[M]. U.S.: World Scientific Press, 2009.

98. Nielsen P. Coastal and Estuarine Processes[M]. U.S.: World Scientific Press, 2009.

99. Introduction to Coastal Engineering and Management[M]. U.S.: World Scientific Press, 2010.

100. Uda T. Japan’s Beach Erosion: Reality and Future Measures[M]. U.S.: World Scientific Press, 2010.

101. Murata S, Imamura F, Katoh K. Tsunami: To Survive from Tsunami[M]. U.S.: World Scientific Press, 2018.

102. Goda Y. Random Seas and Design of Maritime Structures[M]. U.S.: World Scientific Press, 2010.

103. Bakker T W. Coastal Dynamics[M]. U.S.: World Scientific Press, 2013.

104. Sajjadi S G. Dynamics of Water Waves[M]. U.S.: World Scientific Press, 2013.

105. Gotoh H, Okayasu A, Watanabe Y. Computational Wave Dynamics[M]. U.S.: World Scientific Press, 2013.

106. 期刊：水利学报

107. 期刊：工程力学

108. 期刊：力学学报

109. 期刊：交通运输工程学报

110. 期刊：水运工程

111. 期刊：中国港湾建设

112. 期刊：河海大学学报(自然科学版)

113. 期刊：水道港口

114. 期刊：水科学进展

115. 期刊：海洋工程

116. 期刊：海洋学报

117. 期刊：Marine Structures

118. 期刊：Coastal Engineering

119. 期刊：Oceanography

120. 期刊：Journal of Physical Oceanography

121. 期刊：Journal of Geophysical Research-Oceans

122. 期刊：Journal of Fluid Mechanics

123. 期刊：Ocean Engineering

124. 期刊：Physics of Fluid

125. 期刊：Computers and Fluids

126. 期刊：Journal of Fluids and Structures

127. 期刊：Journal of Hydraulic Research

128. 期刊：Geomorphology

129. 期刊：Continental Shelf Research

130. 期刊：Journal of Coastal Research

131. 期刊：Estuarine, Coastal and Shelf Science

132. 期刊：Journal of Waterway, Port, Coastal, and Ocean Engineering

133. 期刊：Journal of Sedimentary Research

134. 期刊：American Association of Petroleum Geologists

135. 期刊：Applied Ocean Research

136. 期刊：International Journal of Sediment Research

137. 期刊：Journal of Hydro-environment Research

138. 期刊：Journal of Ocean University of China

139. 期刊：China Ocean Engineering

140. 会议：中国水利学会学术年会

141. 会议：中国自然资源学会学术年会

142. 会议：中国水论坛(每年举办一次)

143. 会议：欧洲地球物理联合会(EGU)学术大会(每年举办一次)

144. 会议：美国地球物理联合会(AGU)学术大会(每年举办两次，春季和秋季)

145. 会议：国际水文科学协会(IAHS)学术大会(每两年举办一次)

146. 会议：国际水利与环境工程学会世界大会 International Association for Hydro-Environment and Research(IAHR) World Congress

147. 会议：美国机械工协会流体工程夏季分会 ASME Fluids Engineering Division Summer Meeting

148. 会议：国际水利与环境工程协会水力机械与系统专题讨论会 IAHR Symposium on Hydraulic Machinery and Systems

149. 会议：国际水击会议 BHR International Conference on Pressure Surges

150. 会议：国际水利与环境工程协会亚太地区分会及国际水工水力学国际研讨会 IAHR-APD Congress & IAHR-ISHS Symposium

151. 会议：美国土木工程协会管道会议 ASCE Pipelines Conference

152. 会议：美国土木工程学会环境与水资源分会 EWRI-ASCE Congress

153. 会议：国际水协会议暨展览会 IWA Conference & Exhibition

154. 会议：国际应用能源会议 International Conference on Applied Energy(ICAE)

155. 会议：国际大地测量地球物理联合会大会 IUGG General Assembly

156. 会议：国际生态水力学研讨会 International Symposium on Ecohydraulics(ISE)

157. 会议：国际生态信息学会议 International Conference on Ecological Informatics(ICEI)

158. 会议：国际河口海岸会议 International Conference on Estuaries and Coasts(ICEC)

159. 会议：清洁生产国际研讨会 International Workshop on Advances in Cleaner Production(IWACP)

160. 会议：国际海岸工程会议(International Conference on Coastal Engineering)

161. 会议：国际浅水流会议(International Symposium on Shallow Flows)