

河海大學







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1. Physical Oceanography
2. Marine Biology
3. Marine Geology

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19	21M660001	Theory and Practice of Socialism with Chinese Characteristics for a New Era	36	2				/	
	21M000000	First Foreign Language	96	4					
	21M99000111	Academic Writing Guidance	16	1					
	21M110101	Methods of Mathematical Physics	32	2			/	/	
	21M110102	Descriptive Oceanography	32	2			/	/	
	21M110103	Geophysical Fluid Dynamics	48	3			/	/	
	21M110201	Advanced Marine Biology	32	2			/	/	
	21M110202	Marine Environmental Analysis and Monitoring Technology	48	3			/	/	
	21M110301	Advanced Marine Geology	32	2			/	/	
	21M110302	Earth System Science	32	2			/	/	
	21M880002	Numerical Analysis	48	3			/		
	21M110104	Ocean Circulation Theory	32	2			/	/	
	21M110105	Advanced Ocean Dynamics	32	2			/	/	
	21M110106	Computational Geophysical Fluid Dynamics	48	3			/	/	
	21M110107	Data Assimilation: Theory and Method	32	2			/	/	
21M110203	Marine Biotechnology	32	2			/	/		
21M110204	Marine Environmental Chemistry	32	2			/	/		
21M110303	Marine Geophysics	48	3			/	/		
21M110304	Palaeo-oceanography	32	2			/	/		

		21M110108	Dynamics of the Upper Ocean and Oceanic Waves	48	3		/	/		
		21M110109	Polar Oceanography	32	2		/	/		
		21M110110	Air-sea Interactions	32	2		/	/		
		21M110111	Nonlinear Ocean Dynamics	32	2					
		21M110205	Frontier in Molecular Microbiology	32	2		/	/		
		21M110206	Progress in Marine Ecology	32	2		/	/		4
		21M110207	Marine Aquaculture	32	2		/	/		
		21M110305	Marine Geological Process and Resource Environment Effect	32	2		/	/		
		21M110306	Petro-Geochemistry	48	3		/	/		
		21M110307	Advanced Marine Tectonics and Structural Geology	32	2		/	/		
		21M660002	Dialectics of Nature	18	1			/		
		21M660005	“ ” The Four Histories the history of the CPC the PRC, and the reform and opening up and the history of the development of socialism	18	1			/		
		21M660004	Special Topic on Science and Engineering Ethics	18	1			/		1
		21M660006	Special Topics on the History of Hohai University and Revolutionary Culture	18	1			/		
13		21M110112	Ocean Data Processing and Analysis	32	2		/	/		
		21M110113	Environmental Ocean Dynamics	32	2		/	/		
		21M110114	Climate Dynamics	32	2		/	/		
		21M110115	Numerical Analysis of Ocean Current	32	2		/	/		



13	21M110116	Diagnostic and Analysis Methods on Oceanic/Atmospheric Variability and Predictability	32	2		/	/		6
	21M110208	Marine Planktology	32	2		/	/		
	21M110209	Environmental Physiology of Algae	32	2		/	/		
	21M110210	Genetic Breeding of Marine Organism	32	2		/	/		
	21M110211	Marine Ecotoxicology	32	2		/	/		
	21M110308	Marine Mineral Resources and Metallogenesis	32	2		/	/		
	21M110309	Global Tectonics and Geodynamics	32	2		/	/		
	21M110310	Analysis of Sedimentary Basin	32	2		/	/		
	21M110311	Sequence Stratigraphy	32	2		/	/		
	21M99000201	Comprehensive Quality Moral Education	16	1		/	/		1
	21M99000202	Comprehensive Quality Aesthetic Education	16	1		/	/		
	21M99000203	Comprehensive Quality Labor Education	16	1		/	/		
	21M99000204	Comprehensive Quality Sports Education	16	1		/	/		
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Academic Activities(containing Doctoral Supervisor Lecture)									
Practical Activities									

[1] . [M]. , 1991.

[2] . [M]. , 2003.

[3] . [M]. , 1990.

[4] . [M]. , 1980.

[5] . [M]. , 1992.

[6] , . [M]. , 2005.

- [7] , . [M]. , 2002.
- [8] , . [M]. , 2005.
- [9] , . [M]. , 1992.
- [10] S. [M]. , 1985.
- [11] , . [M]. , 2000.
- [12] , . [M]. , 1990.
- [13] . [M]. , 2004.
- [14] . [M]. , 1999.
- [15] , . [M]. , 2006.
- [16] , . : [M]. , 1995.
- [17] . [M]. , 1985.
- [18] . [M]. , 2003.
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- [20] . [M]. , . 2012.
- [21] Dal e B. Hai dvozel , , . [M]. , 2005.
- [22] . : [M]. , 2012.
- [23] , . ( 2 ) [M]. , 2015.
- [24] . [M]. , 2013.
- [25] . ( ) [M]. , 2013.
- [26] , . [M]. 1999.
- [27] . ( ) [M]. , 2009 .  
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- [28] . [M]. 2011 . ( "

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- [29] . [M]. , 2004.
- [30] [ ] . [M]. , 2006.
- [31] . ( ) [M]. , 1985.
- [32] [M]. , 2004.
- [33] Jon Erickson. [M]. , 2005.
- [34] , . [M]. , 2015.
- [35] . [M]. , 2008.
- [36] . [M]. , 2013.
- [37] . [M]. , 2013.
- [38] . [M]. . , 2010.
- [39] O Catuneanu. [M]. . , 2009.
- [40] . [M]. , 2003.
- [41] , . [M]. , 2004.
- [42] , . [M]. , 2012.
- [43] , , . ( 2 ) [M]. , 2009.
- [44] . — — [M]. , 2015.
- [45] . [M]. , 2010.
- [46] (Mike Bacon), (Rob Si mm). [M]. , 2013.
- [47] , . [M]. , 2014.
- [48] . ( ) [M]. , 2016.
- [49] . [M]. , 2005.
- [50] , . [M]. , 2000.
- [51] , . ( ) [M]. , 2012.
- [52] , . [M]. , 2010.
- [53] , . [M]. , 2012.

[ 54 ]

Fluid Dynamics of Climate[M]. CISM International Centre for Mechanical Sciences, Springer, 39– 60, 2016.

[ 76] Si edler, G. , S. MGri ffi es, and J. Church, eds. Ocean Ci rcul ati on and Climate: A 21st Century Perspecti ve[M]. Second edi ti on. El sevi er, 868 pp, 2013.

[ 77] Lau, WK. -M, and D. E. Val i ser. Intraseasonal Variability in the Atmosphere-Ocean Climate System[M]. Springer Berlin Heidelberg, 2012.

[ 78] Webster, P. J. Dynamics of the Tropical Atmosphere and Oceans[M].

[ 79] Krishnamurti, T. N., L. Stefanova, and V. Misra. Tropical Meteorology[M]. Springer New York, 2013.

[ 80] Khouider, B. Models for Tropical Climate Dynamics: Waves, Clouds, and Precipitation[M]. Springer International Publishing, 2019.

[ 81] Ambaum, M.H.P. Thermal Physics of the Atmosphere. 1st ed[M]. Wiley, 2010.

[ 82] Flato, G. Evaluation of Climate Models. Climate Change 2013: The Physical Science Basis[M]. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, 2014.

[ 83] Vallis, G. K. Atmospheric and Oceanic Fluid Dynamics: Fundamentals and Large-scale Circulation[M]. Cambridge University Press.

[ 84] Si edler, G. , S. MGri ffi es, and J. Church, eds. Ocean Ci rcul ati on and Climate: A 21st Century Perspecti ve. Second edi ti on[M]. El sevi er, 868 pp, 2013.

[ 85] Zei tlin, V. Geophysical Fluid Dynamics: Understanding (almost) Everything with Rotating Shallow Water Models[M]. First edi ti on. Oxford University Press, 488 pp, 2018.

[ 86] Provenzale, A. , E. Palazzi, and K. Fraedrich, eds. The Fluid Dynamics of Climate[M]. Springer, 209 pp, 2016.

[ 87] C lbers, D. , J. W l l ebrand, and C. Eden, Ocean Dynamics[M]. Springer Berlin Heidelberg, 2012.

[ 88] Zei tli n, V. Geophysi cal Fl ui d Dynami cs: Understandi ng (al most) Everything wi th Rotati ng Shall ow Water Model s[ M]. Fi rst edi ti on. Oxford Uni versi ty Press, 488 pp, 2018.

[ 89] Neel i n, J. D. Cl i mate Change and Cl i mate Model i ng[ M]. Cambri dge Uni versi ty Press, 2011.

[ 90] Pi ncus, R. , D. Wnker, S. Bony, and B. Stevens, eds. Shall ow Cl ouds, Water Vapor, Ci rcul ati on, and Cl i mate Sensi ti vi ty[ M]. Spr i nger Internati onal Publ i shi ng, 2018.

[ 91] Durran, D. R. Numeri cal Methods for Wave Equati ons i n Geophysi cal Fl ui d Dynami cs[ M].

[ 92] Li , T. Fundamentals of tropi cal cl i mate dynami cs[ M]. Spr i nger Berl i n Hei del berg, 2017.

[ 93] McCl ay, K. R. , J. H. Shaw and J. Suppe. Thrust Faul t-Rel ated Fol di ng[ M]. AAPG Memoi r 94, 2011.

[ 94] Shaw H. J. , C. Connors, and J. Suppe. Sei smi c i nterpretati on of contracti onal faul t-rel ated folds. an AAPG sei smi c atl as[ M]. Ameri can Associ ati on of Petrol eum Geol ogi sts, 2005.

[ 95] WI l l i am M. Wi te. Geochemi stry[ M]. WI l ey-Bl ackwel l , 2013.

[ 96] H. D. Hbl l and and K. K. Tureki an, Treati se on Geochemi stry (Second Edi ti on) [ M], El sevi er, 2014.

[ 97] Chri sti an Wencke, Kai Bi schof. Seaweed Bi ol ogy: Novel I nsi ghts i nto Ecophysi ol ogy, Ecol ogy and Uti l i zati on[ M]. Cambri dge Uni versi ty Press, Spr i nger -Verl ag Berl i n Hei del berg, 2012.

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[ 103] Mari ne Geol ogy

[ 104] Journal of Sedi mentary Research

- [ 105] Sedi mentary Geol ogy
- [ 106] Deep-Sea Resear ch
- [ 107] Earth-Sci ence Revi ew
- [ 108] Earth and Pl anetary Sci ence Letters
- [ 109] Quaternary Sci ence Revi ew
- [ 110] Cel l
- [ 111] PNAS
- [ 112] Current Bi ol ogy
- [ 113] Pl os Bi ol ogy
- [ 114] eLi fe
- [ 115] Mari ne Bi ol ogy
- [ 116] Mari ne Bi otechnol ogy
- [ 117] I S M E Journal
- [ 118] Li mol ogy and Oceanography
- [ 119] Mari ne Bi otechnol ogy
- [ 120] Acta Oceanol ogi ca Si ni ca
- [ 121] Journal of Geophys ical Research: Oceans
- [ 122] Deep Sea Research I
- [ 123] Cl i mate Dynamics
- [ 124] Journal of Cl i mate
- [ 125] Journal of Oceanography
- [ 126] Geophys ical Research Letters
- [ 127] Journal of Physi cal Oceanography
- [ 128] Journal of Atmospher ical and Oceani c Technol ogy
- [ 129] Advances in Atmospher ical Sci ences
- [ 130] Journal of the Atmospher ical Sci ences
- [ 131] Nature Cl i mate Change
- [ 132] Nature Geosci ences
- [ 133] Nati onal Sci ence Revi ew
- [ 134] Monthl y Weather Revi ew

- [ 135] Ocean Modelling
- [ 136] Water Research
- [ 137] Trends in Ecology & Evolution
- [ 138] Science
- [ 139] Reviews of Modern Physics
- [ 140] Plant Cell
- [ 141] Nature Reviews Neurology
- [ 142] Nature Reviews Molecular Cell Biology
- [ 143] Nature Reviews Immunology
- [ 144] Nature Reviews Genetics
- [ 145] Nature Physics
- [ 146] Nature
- [ 147] Jama Psychiatry
- [ 148] Jama Oncology
- [ 149] Isme Journal
- [ 150] Gut
- [ 151] Fish and Fisheries
- [ 152] Fish & Shellfish Immunology
- [ 153] Ecology Letters
- [ 154] Cell Stem Cell
- [ 155] Cell
- [ 156] Aquatic Toxicology
- [ 157] Annual Review of Plant Biology
- [ 158] Annual Review of Marine Science
- [ 159] Annual Review of Immunology
- [ 160] Annual Review of Environment and Resources