

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
1	Earth's oldest rocks / edited by Martin J. Van Kranendonk, Vickie C. Bennett, J. Elis Hoffmann	Amsterdam, Netherlands : Elsevier, [2019]	E-book
2	Lithospheric discontinuities / Huaiyu Yuan and Barbara Romanowicz, editors	[S.l.] : American Geophysical Union, [2019]	E-book
3	Geocomputation with R / Robin Lovelace, Jakub Nowosad, Jannes Muenchow	Boca Raton, FL : CRC Press, Taylor & Francis Group, [2019]	G70.2 L898 2019
4	Investigating groundwater / Ian Acworth, University of New South Wales, Australia	London : CRC Press/Balkema is an imprint of the Taylor & Francis Group, an iforma busness, [2019]	GB1003.2 A189 2019
5	Analytical groundwater mechanics / Otto D.L. Strack	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2017	GB1197.7 S894 2017
6	Curbing catastrophe : natural hazards and risk reduction in the modern world / Timothy H. Dixon, University of South Florida	Cambridge, United Kingdom : Cambridge University Press, 2017	GB5005 D621 2017

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
7	Ocean circulation in three dimensions / Barry A. Klinger, George Mason University, USA, and Thomas W. N. Haine, Johns Hopkins University, USA	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	GC228.5 K65 2019
8	Kuroshio current : physical, biogeochemical, and ecosystem dynamics / Takeyoshi Nagai, Hiroaki Saito, Koji Suzuki, Motomitsu Takahashi, editors	Hoboken, NJ : John Wiley & Sons, Inc. Washington, D.C. : American Geophysical Union, 2019	GC296.2 K96 2019
9	An introduction to tides / Theo Gerkema	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2019	GC301.2 G369 2019
10	Geohazards in Indonesia : earth science for disaster risk reduction / edited by P.R. Cummins, Australian National University, Australia and I. Meilano, Bandung Institute of Technology, Indonesia	London : The Geological Society, 2017	HV551.5.I5 G345 2017
11	Quantitative methods of data analysis for the physical sciences and engineering / Douglas G. Martinson (Columbia University)	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2018	QA276 M386 2018
12	A primer on Fourier analysis for the geosciences / Robin Crockett (University of Northampton)	Cambridge : Cambridge University Press, [2019]	QA403.5 C938 2019

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
13	Physics of buoyant flows : from instabilities to turbulence / Mahendra K. Verma, Indian Institute of Technology Kanpur, India	Singapore New Jersey : World Scientific Publishing Co. Pte. Ltd., [2018]	QA911 V522 2018
14	Origin and evolution of comets : ten years after the Nice model and one year after Rosetta / Hans Rickman, Uppsala University, Sweden & PAS Space Research Center, Poland	Singapore Hackensack, NJ : World Scientific Publishing Co. Pte. Ltd., [2018]	QB721 R539 2018
15	Planetary geoscience / Harry Y. McSween, Jr., University of Tennessee, Knoxville [and six others]	Cambridge New York, NY : Cambridge University Press, 2019	QB820 M478 2019
16	Variational Bayesian learning theory / Shinichi Nakajima, Kazuho Watanabe, Masashi Sugiyama	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	QC174.85.B38 N163 2019
17	Atmospheric and oceanic fluid dynamics : fundamentals and large-scale circulation / Geoffrey K. Vallis	Cambridge : Cambridge University Press, 2017	QC809.F5 V189 2017
18	Atmospheric chemistry and physics : from air pollution to climate change / John H. Seinfeld, Spyros N. Pandis	Hoboken, New Jersey : John Wiley & Sons, Inc., [2016]	QC879.6 S457

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
19	Weather : a concise introduction / Gregory Hakim (University of Washington), Je Patoux (University of Washington)	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2018	QC981 H155 2018
20	Mathematical methods in the earth and environmental sciences / Adrian Burd (University of Georgia)	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2019	QE33.2.M3 B949 2019
21	Alkaline rocks and carbonatites of the world. Part 4, Antarctica, Asia and Europe (excluding the Former USSR), Australasia and Oceanic Islands / A. Woolley	London : The Geological Society of London, 2019	QE462.A4 W913 2019
22	Instability in geophysical flows / William D. Smyth, Jeffrey R. Carpenter	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	QE501 S667 2019
23	Introduction to controlled-source electromagnetic methods : detecting subsurface fluids / Anton Ziolkowski (The University of Edinburgh), Evert Slob (Delft University of Technology)	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2019	QE501.3 Z938 2019
24	Introduction to numerical geodynamic modelling / Taras Gerya	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2019	QE501.4.M38 G388 2019

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
25	Crustal architecture and evolution of the Himalaya-Karakoram-Tibet orogen / edited by Rajesh Sharma, Igor M. Villa and Santosh Kumar	London : The Geological Society, 2019	QE511.4 C957 2019
26	Himalayan tectonics : a modern synthesis / edited by P. J. Treloar and M. P. Searle	Searle, M. P.	QE511.4 T788 2019
27	Geophysics and geosequestration / edited by Thomas L. Davis (Colorado School of Mines), Martin Landro (Norwegian University of Science and Technology, Trondheim), Malcolm Wilson (New World Orange BioFuels)	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	QE516.C37 G345 2019
28	Introduction to seismology / Peter M. Shearer (University of California, San Diego)	Cambridge New York, NY : Cambridge University Press, [2019]	QE534.2 S539 2019
29	Seismic ambient noise / edited by Nori Nakata, Lucia Gualtieri, and Andreas Fichtner	Cambridge New York, NY : Cambridge University Press, 2019	QE538.5 S462 2019
30	Waves and rays in seismology : answers to unasked questions / Michael A Slawinski	Singapore Hackensack, NJ : World Scientific Publishing Co. Pte. Ltd., [2018]	QE538.5 S631 2018

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
31	Mineral deposits and global tectonic settings / Ketty Marsella	New York : Magnum Publishing, 2019	QE601 M364 2019
32	Geologic fracture mechanics / Richard A. Schultz	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2019	QE601 S387 2019
33	HP-UHP metamorphism and tectonic evolution of orogenic belts / edited by Lifei Zhang, Zeming Zhang, Hans-Peter Schertl and Chunjing Wei	London : The Geological Society of London, 2019	QE621 H872 2019
34	Tectonic evolution of the Oman Mountains / edited by H.R. Rollinson, M.P. Searle, I.A. Abbasi, A.I. Al-Lazki and M.H. Al Kindi	London : the Geological Society, 2014	QE621.5.043 T255 2014
35	Tectonic evolution of the eastern Black Sea and Caucasus / edited by M. Sosson, R.A. Stephenson and S.A. Adamia	London : The Geological Society, 2017	QE633.B53 T255 2017
36	Unsteady flow in open channels / Jurjen Battjes, Robert Jan Labeur	Cambridge, United Kingdom New York, NY : Cambridge University Press, 2017	TA357.5.U57 B336 2017

IES Library New books of 2019

#	Title/Author	Publisher/Year	Call No.
37	Site investigation using resistivity imaging / Sahadat Hossain, Golam Kibria, Sadik Khan	Leiden, The Netherlands : CRC Press/Balkema, [2019]	TA705 H829 2019
38	An introduction to reservoir simulation using MATLAB/GNU Octave : user guide for the MATLAB reservoir simulation toolbox (MRST) / Knut-Andreas Lie, Foundation for Scientific and Industrial Research (SINTEF)	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	TN870.53 L716 2019
39	Unconventional reservoir geomechanics : shale gas, tight oil and induced seismicity / Mark D. Zoback and Arjun H. Kohli, Stanford University, California	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2019	TN870.57 Z83 2019