



地球科学前沿网络研讨会暨国际中国地球 科学促进会 (IPACES) 2021 年会

21-23 June•Online

发起单位：国际中国地球科学促进会 (IPACES)
承办单位：成都理工大学 (CDUT)
天津师范大学 (TJNU)

会议简介

国际中国地球科学促进会IPACES (International Professionals for the Advancement of Chinese Earth Sciences, <https://ipaces.org/>) 定于北京时间2021年6月21日至23日举办“地球科学前沿网络研讨会暨国际中国地球科学促进会 (IPACES) 2021 年会”。IPACES 由海外华人地球科学家组成, 旨在促进中国地球科学的发展和国际交流。自1999 年创办以来, IPACES年会已成为海内外优秀华人地球科学家交流的重要平台, 学科领域涵盖广泛, 交叉特色突出。

鉴于新冠疫情, 本次IPACES年会以网络形式举行。6月21日的会议主题为“地球物理和地震学”, 由成都理工大学(CDUT)承办; 6月22日的会议主题为“环境地理与水文地质”, 由天津师范大学(TJNU)承办。除了头两天的讨论会, 我们将在6月23日和美国地球物理学会(AGU)一起举办论文写作的专题报告, 为青年地球科学家和学生提供学习的机会。

本次网络会议使用腾讯视频会议平台, 不收注册费。会议采用“专题报告+科技写作研讨”的形式。北京时间6月21日上午8:00-9:00为IPACES与成都理工(CDUT)战略对话, 接下来9:00-12:20为8个专题/邀请报告; 北京时间6月22日上午8:00-9:00点为IPACES与天津师大(TJNU)战略对话, 9:00-12:30为9个专题/邀请报告; 北京时间6月23日9:00-11:30为科技写作研讨会。

地球科学前沿网络暨国际中国地球科学促进会 (IPACES) 2021年会



日程表

June 21 st 2021 (Jointly with CDUT) 腾讯会议号: 523 784 7557 (仅适用于9点开始的学术报告)		
08:00-09:00	IPACES与CDUT战略对话	
09:00-09:10	发起单位致辞 IPACES副主席彭志刚教授	承办单位致辞 CDUT副校长许强教授
09:15-09:45	许强, 成都理工大学 Qiang Xu, ChengDu University of Technology	主旨报告: 滑坡隐患早期识别与监测预警
09:45-10:05	尹安, 加州大学洛杉矶分校 An Yin, University of California, Los Angeles	特邀报告: Mechanics of Tectonics Tremor
10:05-10:25	林国庆, 迈阿密大学 Guoqing Lin, University of Miami	特邀报告: Relocation of seismicity in the recent Hawaii eruption
10:25-10:45	梁春涛, 成都理工大学 ChunTao Liang, ChengDu University of Technology	特邀报告: Velocity Variation and Magma Dynamics Associated with Hawaii Volcano Eruption
10:45-10:50	休息	
10:50-11:20	林间, 南方科技大学 Jian Lin, SUSTech/WHOI	主旨报告: 国际海洋地球科学前沿与未来突破方向
11:20-11:40	刘丽军, 伊利诺伊大学厄巴纳-香槟分校 LiJun Liu, University of Illinois at Urbana-Champaign	特邀报告: Intraplate dynamics for East Asia and/North America
11:40-12:00	姚华建, 中国科技大学 HuaJian Yao, University of Science and Technology of China	特邀报告: 背景噪声干涉体波成像揭示地幔过渡带结构的复杂性
12:00-12:20	王克林, 加拿大地质调查局 Kelin Wang, Geological Survey of Canada	特邀报告: Assessing earthquake potential of locked faults from interseismic deformation measurements

日程表

地球科学前沿网络暨国际中国地球科学促进会 (IPACES) 2021年会



June 22 nd 2021 (Jointly with TJNU) 腾讯会议号：523 784 7557 (仅适用于9点开始的学术报告)		
08:00-09:00	IPACES与TJNU战略对话	
09:00-09:10	发起单位致辞 IPACES主席张铭教授	承办单位致辞 TJNU校长钟英华教授
09:15-09:45	郑春苗, 南方科技大学 Chunmiao Zheng, Southern University of Science and Technology	主旨报告: Recent advances in contaminant transport modeling
09:45-10:15	段青云, 河海大学 Qingyun Duan, Hohai University	主旨报告: Multi-objective optimization of geophysical/environmental models
10:15-10:35	詹红兵, 德州农工大学 Hongbin Zhan, Texas A&M University	特邀报告: Thermal dispersion and solute dispersion in the subsurface: Are they the same or different?
10:35-10:45	休息	
10:45-11:05	胡晓农, 暨南大学 Xiaonong Hu, Jinan University	特邀报告: 喀斯特地下水水动力学研究—以毛村为例
11:05-11:25	鲍惠铭, 南京大学 Huiming Bao, Nanjing University	特邀报告: Isotope effect research: brief history and opportunities
11:25-11:45	叶明, 佛罗里达州立大学 Ming Ye, Florida State University	特邀报告: A data-driven approach to develop an error model for quantifying model structure error
11:45-12:00	郝永红, 天津师范大学 Yonghong Hao, Tianjin Normal University	特邀报告: 基于深度学习LSTM的泉水流量模拟模型
12:00-12:15	孟广文, 天津师范大学 Guangwen Meng, Tianjin Normal University	特邀报告: 中国海外园区发展与规划研究
12:15-12:30	崔铁军, 天津师范大学 Tiejun Cui, Tianjin Normal University	特邀报告: 全球地表覆盖时空变化知识采编与建模

June 23 rd 2021(Writing Workshop, Jointly with AGU) 腾讯会议号：523 784 7557		
09:00-09:05	彭志刚, 佐治亚理工学院 Zhigang Peng, Georgia Institute of Technology	Writing Workshop Introduction
09:15-09:35	郑焰, 南方科技大学 Yan Zheng, Southern University of Science and Technology	How to write a scientific paper
09:40-10:00	段青云, 河海大学 Qingyun Duan, Hohai University	How to write a review paper for Review of Geophysics (RoG)
10:05-10:25	彭志刚, 佐治亚理工学院 Zhigang Peng, Georgia Institute of Technology	Ethics in writing
10:30-10:50	王克林, 加拿大地质调查局 Kelvin Wang, Geological Survey of Canada	Understand your reader, structure your paper
10:55-11:30	Open Panel Discussions	



International Professionals
for the Advancement of
Chinese Earth Sciences



成都理工大学
Chengdu University of Technology



天津师范大学
Tianjin Normal University



会议组委会成员

IPACES2021执行委员会成员：

承办单位及联系人：张铭（主席）、叶明（上任主席）、彭志刚（副主席）、腾辉（财务长）

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报告人简介

地球科学前沿网络暨国际中国地球
科学促进会 (IPACES) 2021年会



许强
XU, Qiang

教授，成都理工大学

主旨报告：滑坡隐患早期识别与监测预警

时间：09:15-09:45, 21 June

许强，博士、教授、博士生导师，现任成都理工大学副校长，地质灾害防治与地质环境保护国家重点实验室常务副主任，国家杰出青年基金获得者，教育部长江学者特聘教授，国家杰出专业技术人才，全国五一劳动奖章获得者，国务院特殊津贴专家，李四光地质科学奖获得者，第十二、十三届全国政协委员。专长于地质灾害评价与防治，曾多次作为国务院、自然资源部和四川省人民政府专家组核心成员，参与了我国数十起重大地质灾害事故的现场调查和应急处置工作。作为核心成员完成的科研成果获国家科技进步一等奖2项、二等奖1项，省部级科技进步奖一等奖6项，出版专著12部，发表学术论文400余篇，其中英文SCI收录论文150余篇。主持研发的“地质灾害实时监测预警系统”已数十次成功精准预警滑坡，在国内外产生广泛的影响。



尹安
YIN, An

Professor, University of California, Los Angeles

特邀报告：Mechanics of Tectonics Tremor

时间：09:45-10:05, 21 June

An Yin graduated from Beijing University in 1982 with a major in Geomechanics. He obtained his PhD in Structural Geology from University of Southern California in 1988. He has been a faculty member at University of California, Los Angeles since 1987. He was a recipient of the 1994 GSA Donath Medal and has been an AGU fellow since 2013. His research has been focused on continental tectonics, rock mechanics, and surface and tectonic processes of rocky planets, icy satellites, and asteroids in the solar system.

报告人简介

地球科学前沿网络暨国际中国地球
科学促进会 (IPACES) 2021年会



林国庆

LIN, Guoqing

Professor, University of Miami

**特邀报告 : Relocation of seismicity in the recent
Hawaii eruption**

时间 : 10:05-10:25, 21 June

Guoqing Lin is a Professor in the Department of Marine Geosciences, Rosenstiel School of Marine and Atmospheric Science, University of Miami. Her science portfolio encompasses themes from tectonic earthquakes to volcano seismology and induced seismicity. Her research interests include earthquake relocation, seismic tomography, and in-situ near source structural properties. She received her B.S. degree from Peking University in 2002, and Ph.D. degree from Scripps Institution of Oceanography, University of California San Diego in 2007. Prior to her current position, she was a post-doctoral researcher at the University of Wisconsin-Madison in 2007-2008. She is one of the 2021 IRIS/SSA Distinguished Lecturers and has been a member of the International Professionals for the Advancement of Chinese Earth Sciences (IPACES) since 2018.



梁春涛

LIANG, Chuntao

教授, 成都理工大学

**特邀报告 : Velocity Variation and Magma Dynamics
Associated with Hawaii Volcano Eruption**

时间 : 10:25-10:45, 21 June

梁春涛, 博士, 教授, 博士生导师; 四川省百人计划特聘专家; 成都理工大学地球物理学院副院长; 地球勘探与信息技术教育部重点实验室副主任; 成都市科学传播学会副会长。主要从事青藏高原深部结构、动力学过程及区域断裂带地震活动性研究, 同时大力推动防震减灾科普宣传。1996年和2001年获得成都理工大学学士和硕士学位; 2003年获得美国伊利诺伊大学硕士学位; 2008年获得美国孟菲斯大学博士学位。2012年至今任教于成都理工大学地球物理学院。主持国家自然科学基金、重大专项子任务及省部级项目10余项; 翻译地震学教材《地震学、震源及地球结构概论》及专著共2部; 获美国和中国专利3项; 在GRL, Tectonics, JGR等期刊发表论文30余篇; 获省部级奖励5项。

报告人简介

地球科学前沿网络暨国际中国地球
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林间
LIN, Jian

Professor, Southern University of Science and Technology /Woods Hole Oceanographic Institution

主旨报告：国际海洋地球科学前沿与未来突破方向

时间：10:50-11:20, 21 June

林间，南方科技大学讲席教授，对海洋地球科学与地震学作出杰出贡献。历任国际著名的美国伍兹霍尔海洋研究所高级研究员、亨利-比奇洛杰出海洋学家讲座教授、麻省理工学院-伍兹霍尔海洋研究所研究生院教授、中国科学院南海海洋所特聘研究员等，当选美国地球物理联合会（AGU）会士、美国科学促进会（AAAS）会士、美国地质学会（GSA）会士、国际大洋中脊地球与生命科学研究组织InterRidge主席等。成果入选2019年度中国十大海洋科技进展、2020年广东省自然科学一等奖等。引领国际大洋与南海板块构造研究，其原创性、系统性的发现奠定了学界对全球大洋中脊三维结构的认识基础。对大地震触发机制理论作出突出贡献，其一论文在国际地震学领域十年引用率全球第一。任中国大洋一号首次环球航次、南海国际大洋钻探、地球“第四极”马里亚纳海沟首次高精度地震实验等首席科学家。任国家自然科学基金委双清论坛主席、国家自然科学基金委重大研究计划集成组长与国际组长、美国国家科学院海啸委员会、国内外机构学术委员会、国际顶级学术期刊编辑与编委等职。



刘丽军
LIU, Lijun

Professor, University of Illinois at Urbana-Champaign

特邀报告：Intraplate dynamics for East Asia and/North America

时间：11:20-11:40, 21 June

Lijun Liu is a Professor at the Department of Geology, University of Illinois at Urbana-Champaign. His is a geophysicist who studies the structure and evolution of the solid Earth. He received his Bachelor's degree in Geophysics from the University of Science and Technology of China in 2003, and his PhD degree in Geophysics from Caltech in 2010. After finishing a two-year John Miles Postdoctoral Fellowship at the Scripps Institution of Oceanography, UC San Diego, he joined the faculty of University of Illinois, where he was promoted to Associate Professor in 2017 and Professor in 2021. In 2015 he received the Jason Morgan Early Career Award from AGU and the Career Award from the U.S. National Science Foundation in 2016. He is currently the the Geothrust Professorial Scholar and Blue Waters Professor at University of Illinois. He has served as Associate/guest Editor for scientific journals including Geochemistry Geosystems and Geophysics, Earth Science Reviews, and Science China Earth Science

报告人简介

地球科学前沿网络暨国际中国地球
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姚华建

YAO, Huajian

Professor, University of Science and Technology of China

特邀报告：背景噪声干涉体波成像揭示地幔过渡带结构的复杂性

时间：11:40-12:00, 21 June

Huajian Yao is a professor in the School of Earth and Space Sciences at University of Science and Technology of China (USTC). He received his B.S. degree in 2001 and M.S. degree in 2004 in geophysics at USTC. In 2009, he received his PhD in geophysics at MIT. Then he worked in the Scripps Institution of Oceanography, UCSD, as a postdoctoral Green Scholar in 2010-2012. In 2012, he joined USTC as a professor of geophysics. His main research interests include seismic imaging using earthquake waveforms and ambient noise, lithospheric structure and deformation, and earthquake rupture processes. He is serving as an editor of Geophysical Journal International (2018-), an associate editor of Earthquake Science (2020-) and Seismological Research Letter (2014-2018), and an editorial board member of Science China: Earth Sciences & Earth and Planetary Physics. He was elected as a vice President of the Chinese Seismological Society and award the Science and Technology Award for Chinese Youth in 2020.



王克林

WANG, Kelin

Professor, Geological Survey of Canada

特邀报告：Assessing earthquake potential of locked faults from interseismic deformation measurements

时间：12:00-12:20, 21 June

Writing Workshop: Understand your reader, structure your paper

时间：10:30-10:50, 23 June

Kelin Wang is a senior Research Scientist with the Geological Survey of Canada and an Adjunct and Honorary Professor at the University of Victoria. Most of his current research is on geodynamics of subduction zones and related earthquake and tsunami hazards, but he has also worked on a range of other topics regarding the thermal, mechanical, and hydrogeological processes of Earth's lithosphere. He is a Fellow of the American Geophysical Union (AGU), 2015 AGU Birch Lecturer, and recipient of the J. Tuzo Wilson Medal of the Canadian Geophysical Union. He served on several editorial boards, including being an Associate Editor for the Journal of Geophysical Research and Co-Editor-in-Chief for Tectonophysics. He was formerly the Secretary of the Canadian Geophysical Union and was the Chair of International Professionals for the Advancement of Chinese Earth Sciences (IPACES) in 2005-2006.



报告人简介



郑春苗

ZHENG, Chunmiao

Professor, Southern University of Science and Technology

主旨报告：Recent advances in contaminant transport modeling

时间：09:15-09:45, 22 June

Chunmiao Zheng is currently Chair Professor and Vice Provost of Global Strategies at Southern University of Science and Technology (SUSTech) in Shenzhen, China.. His research interests include groundwater contaminant transport and remediation, basin-scale ecohydrological processes, and water resource sustainability. He is developer of the MT3D/MT3DMS series of contaminant transport models used in over 100 countries, and author of over 300 peer-reviewed journal papers and 6 books, including the textbook Applied Contaminant Transport Modeling, published by Wiley and the Chinese Higher Education Press. He has served as associate editor for five leading hydrology and water resource journals (Water Resources Research, Journal of Hydrology, Groundwater, Hydrogeology Journal, and Vadose Zone Journal). He has also served on the Committee on Hydrologic Science of the U.S. National Research Council, as president of the International Commission on Groundwater of the International Association of Hydrological Sciences, and currently as a member of the advisory panel for the field of "Environmental Science Earth" of the National Natural Science of China (NSFC).



段青云

DUAN, Qingyun

Professor, Hohai University

主旨报告：Multi-objective optimization of geophysical/environmental models

时间：09:45-10:15, 22 June

Writing Workshop: How to write a review paper for Review of Geophysics (RoG)

时间：09:40-10:00, 23 June

Qingyun Duan is currently a Chair Professor in the College of Hydrology & Water Resources at Hohai University in China. He received his Ph.D. in hydrology from the University of Arizona in 1991. His research interests include hydrological modeling and forecasting, uncertainty quantification of hydrological and water resources systems and impacts of climate change on water resources. He has authored or co-authored more than 200 peer reviewed articles and edited 4 books in hydrology and water resources. Dr. Duan has been active in many international scientific activities, including serving as a member of the scientific steering committees of the Global Energy and Water cycle Exchanges (GEWEX) Project and the Hydrological Ensemble Prediction Experiment (HEPEX). He is a foundational leader of College of Fellows of American Geophysical Union. He was or is serving as an editor or editorial board member for numerous scientific journals, including Reviews of Geophysics, Bulletin of American Meteorological Society and Water Resources Research. Dr. Duan is a Fellow of American Geophysical Union and

报告人简介



詹红兵

ZHAN, Hongbin

Professor, Texas A&M University

特邀报告： Thermal dispersion and solute dispersion in the subsurface: Are they the same or different?

时间： 10:15-10:35, 22 June

Dr. Hongbin Zhan is a Professor of Geology and Geophysics, Professor of Water Management and Hydrological Science, Professor of Energy Institute at Texas A&M University (TAMU). He is the Holder of Endowed Dudley J. Hughes Chair in Geology and Geophysics at TAMU. His teaching and research interests are in fundamental processes of groundwater hydrology, flow and transport in geological formations, and their applications in water resources management and geological, environmental, and energy engineering. He has published more than 260 peer-reviewed articles in his specialty with a google scholar citation of 4772. He was the Montague Scholar from Center for Teaching Excellence at TAMU (1999), the Fred Burggraf Award recipient (2004) for recognition of excellence in transportation research by researchers 35 years of age or younger from Transportation Research Board (TRB), administrated by The National Academies of Sciences & Engineering & Medicine. He was the recipient of Distinguished Achievement Award in Faculty Teaching (2009) and Distinguished Achievement Award in Faculty Research (2016) from College of Geosciences at TAMU



胡晓农

HU, Bill X.

Professor, Jinan University

特邀报告：喀斯特地下水动力学研究—以毛村为例

时间： 10:45-11:05, 22 June

Bill X. Hu has been a professor and dean at Institute of Groundwater and Earth Sciences, Jinan University, China since 2015. He obtained his Ph.D. degree in 1996 from Purdue University, USA, and then worked at Desert Research Institute and Florida State University as assistant professor, associate professor and professor until he accepted his current job as one of China 1000 talent program. In his long education and work experience, his research mainly focus on modeling groundwater flow and solute transport in complex subsurface environments using numerical and stochastic approaches. In the last 15 years, his group has conducted various field measurement, field and laboratory experiments and developed several numerical method to explore flow and transport in karst media. He has conducted various research projects on Solute transport, karst hydrology and seawater intrusion, and published more than 230 peer-reviewed papers. He has served as a topic editor or associate editor for HESS, SERRA and China Science-Earth Science.

报告人简介

地球科学前沿网络暨国际中国地球
科学促进会 (IPACES) 2021年会



鲍惠铭

BAO, Huiming

Professor , Nanjing University

特邀报告 : Isotope effect research: brief history and opportunities

时间 : 11:05-11:25, 22 June

Huiming Bao (bao@nju.edu.cn), professor and director of International Center for Isotope Effects Research (icier-nju.org), Nanjing University, China. He got his BSc from Peking University in 1986 and MSc from Chinese Academy of Sciences (CAS) in 1989. After four years as an assistant professor in CAS, he moved to US in 1993 and got his PhD from Princeton University in 1998. After postdocing at UC San Diego for 3 years, he joined Louisiana State University (LSU) in 2001 and moved up ranks from assistant, associate, full, and Charles L. Jones Professor in Geology and Geophysics. One aspect of Bao's scholarly contributions is the conceptual development, technique innovation, and applications of triple oxygen isotope compositions to geology and environmental problems, including the discovery of non-mass-dependently enriched and depleted oxygen-17 anomalies among Earth minerals. While his research interests cover a wide spectrum of disciplines, including Earth, planets, environments, biology, and engineering, he prefers research problems that seek mechanistic explanations at the molecular level.



叶明

YE, Ming

Professor , Florida State University

特邀报告 : A data-driven approach to develop an error model for quantifying model structure error

时间 : 11:25-11:45, 22 June

Ye is a Professor in the Department of Earth, Ocean, and Atmospheric Science and the Department of Scientific Computing at the Florida State University (FSU). His research areas are computational modeling and uncertainty analysis. He received his Bachelor's degree in Geology from the Nanjing University in 1997, and his Ph.D. degree in Hydrology from the University of Arizona in 2002. He worked at the Pacific Northwest National Laboratory (PNNL) and the Desert Research Institute (DRI) before joining FSU in 2007. In 2012, he received an Early Career Award from the Department of Energy, and was elected as a Fellow of the Geological Society of America. In 2015, he received the Walter L. Huber Civil Engineering Research Prize from the American Society of Civil Engineers. He is serving as Associate Editors for Water Resources Research, Journal of Hydrologic Engineering, and Groundwater, the flagship journals in the field of hydrology and water resources. He served in 2019 as the Chair of the International Professionals for the Advancement of Chinese Earth Sciences (IPACES).



报告人简介



郝永红

HAO, Yonghong

教授, 天津师范大学

特邀报告: 基于深度学习LSTM的泉水流量模拟模型

时间: 11:45-12:00, 22 June

郝永红, 天津师范大学, 天津市水资源与水环境重点实验室教授, 主要从事地下水数值模拟研究: ①通过灰色系统模型和分阶段分析提出人类活动已经超过气候变化成为我国北方岩溶泉水流量衰减的主要原因; ②运用极值统计方法实现了极端气候变化条件下泉水流量的预测; ③运用小波分析和分阶段分析研究发现人类活动周期和气候变化频率基本一致, 以及季风是影响我国北方泉水流量的主要因素, 气候遥相关次之; ④提出识别地下水裂隙的水力层析法。主持国家自然科学基金面上项目4项、省部级重点项目1项、省部级面上项目5项, 在国内外重要学术期刊发表论文60余篇, 其中SCI论文50余篇。2020年获得天津市自然科学三等奖。Journal of Hydrology 副编辑。



孟广文

MENG, Guangwen

教授, 天津师范大学

特邀报告: 中国海外园区发展与规划研究

时间: 12:00-12:15, 22 June

孟广文教授1993-2005年德国蒂宾根大学访问学者, 海德堡大学地理系博士、博士后, 2006年回国任天津师范大学地理与环境科学学院地理学与人文地理学学科带头人, 欧洲文明研究院博导。联合国工发组织、贸发组织、非洲联盟与亚洲开发银行咨询专家。

主要研究方向为自由经济区、区域规划与政策、德国经济地理。主持20多项国家社科基金、国家自然科学基金、天津市重点课题以及中德合作等项目, 是中国自由经济区与自由贸易区研究具有影响力的学者。目前已在《Transnational Corporations》, 《Chinese Geographical Science》、德国《Die Erde》, 《地理学报(中英文版)》、等中、德、美、蒙古、越南等主流学术刊物上发表论文60多篇, 参编中英文专著三部。获得国家科技进步奖、天津市哲社优秀成果等多项奖励。



报告人简介



崔铁军
CUI, Tiejun

教授，天津师范大学

特邀报告: 全球地表覆盖时空变化知识采编与建模

时间：12:15-12:30, 22 June

崔铁军，1961年生，河南睢县人，1979年入原解放军测绘学院地图制图系地图制图自动化本科学习，1983年留校任教，1989年获硕士学位，1998年获德国慕尼黑国防军大学土木测量学院工学博士学位 (Dr. -Ing.)，原解放军测绘学院教授，地图学与地理信息工程研究室主任、博士生导师。2009年至今聘为天津师范大学讲席教授，地理信息科学学科带头人，天津市地理空间信息工程技术研究中心主任。主要研究方向为地理信息科学理论、地理空间数据库和地理信息服务。近五年主持国家课题“全球地表覆盖时空变化信息采编与知识建模”，承担了863课题“导航与位置空间信息内容服务平台技术”、面上基金“基于主题图的城市空间信息关联与知识整合研究”、天津市重大科技支撑“地理空间信息智能服务平台”等项目。发表论文130多篇，主编地理信息科学系列教材10部。



彭志刚
PENG, Zhigang

Professor, Georgia Institute of Technology

Writing Workshop Ethics in writing

时间：10:05-10:25, 23 June

Dr. Zhigang Peng is a professor of geophysics in the School of Earth and Atmospheric Sciences at Georgia Institute of Technology. His research mainly focuses on high-resolution fault zone structures, temporal changes of earth's properties, earthquake triggering, slow earthquakes, induced earthquakes, and machine learning. He was an associate editor for Journal of Geophysical Research and Bulletin of Seismological Society of America from 2011 to 2013, and the editor-in-chief for Seismological Research Letters from 2013 to 2019. He is currently serving as the Board of Directors for the Seismological Society of America (SSA), the president of the Eastern Section of the SSA, and vice chair of the International Professionals for Advancement of Chinese Earth Sciences (IPACES). In 2010 he received the NSF CAREER award and the Charles Richter Award from the Seismological Society of America (SSA). He received SSA's Distinguished Service Award in 2020.

报告人简介

地球科学前沿网络暨国际中国地球
科学促进会 (IPACES) 2021年会



郑焰

ZHENG, Yan

Professor, Southern University of Science and Technology

Writing Workshop: How to write a scientific paper

09:15-09:35, 23 June

Chair Professor. Ph.D., Columbia University. Fellow of the Geological Society of America. Professor Zheng was a Chair Professor at Peking University, a tenured Full Professor at City University of New York, an adjunct senior research scientist at Columbia University, and a water and sanitation specialist with UNICEF Bangladesh. Professor Zheng is known for her multi-disciplinary research that led to the reduction of exposure to drinking water arsenic among millions of private well households in Bangladesh, China and USA through changes in policy and practice. She has published >130 peer reviewed journal articles (Google Scholar citation > 9500, h-index 50, verified June 1, 2021) in areas including hydrogeochemistry, environmental health and policy. Currently, she serves as an Associate Editor for Water Resources Research, as a member of the Stockholm Water Prize Nomination Committee and as a Co-Chair for the International Association of Hydrogeologists – Managing Aquifer Recharge Commission.