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基本信息

性别	男	通讯地址	Box 460
出生日期	1961年7月21日		Department of Earth Sciences
籍贯	江苏省泰州市		University of Gothenburg
国籍	瑞典		Medicinaregatan 7B
ResearcherID	A-5107-2013		405 30 Gothenburg, Sweden
ScopusAuthorID	8284622100		
ORCID	http://orcid.org/0000-0003-0288-5618		
语言	汉语, 英语, 瑞典语, 德语		

教育背景

- 1989-1992 (博士) 德国美茵兹(Mainz)古腾堡(Johannes Gutenberg)大学; 主专业为地球科学, 副专业为理论气象学(动力气象)和应用数学(积分方程数值解)。导师: Prof. P.J. Crutzen (诺贝尔奖得主), Prof. M. Domros, Prof. W. Zdunkowski 和 Prof. W. Borsch-Supan。
博士论文题目: “一个全球两维气候及输送模式的发展”。
1992年2月27日获得博士学位。
- 1979-1983 (本科) 中国南京大学; 专业为气象系气候学。

主要工作经历

- 2012-2018 瑞典哥德堡大学理学院副院长(主管科研)
- 2009-2012 国际科学理事会(International Council for Science, ICSU)执行长(Executive Director)
- 2007 至今 瑞典哥德堡大学 August Röhss 讲席教授(自然地理学)
- 2006-2007 瑞典哥德堡大学大气科学中心主任
- 1993 至今 于瑞典哥德堡大学地球科学系工作, 其中1993年7月任物理气象学高级讲师, 1996年晋升为副教授, 2000年为物理气象学教授。主要研究方向包括地球系统科学, 全球和区域气候水文变化, 青藏高原环境变化等。1995年创立了哥德堡大学的区域气候研究小组(RCG: <http://rcg.gvc.gu.se>)。RCG重点关注使用仪器和代用数据, 以及先进的统计技术和气候模式研究瑞典和中国的区域气候变率和最近及未来的气候变化, 大尺度大气环流的影响, 以及气候变化对水资源、空气质量和农业的影响。
- 1992-1993 于德国不来梅港(Bremerhaven)的阿富雷德-魏根纳极地和海洋研究所(Alfred-Wegener-Institute)从事博士后研究, 研究方向海气相互作用与大气模型数值模拟。
- 1992 于德国科隆(Cologne)大学地球物理学和气象学研究所从事博士后研究,

研究方向为中尺度气象和酸沉降模式中的干沉降和陆面过程。
1983-1988 于中国北京中国科学院地理研究所担任所长助手和助理研究员。
1983-84 年从事辐射平衡研究, 84-85 年研究华北地区作物生产力和水资源平衡研究。85-86 年研究作物需水和开放水域的水分蒸发和蒸散, 87-88 年与中国科学院大气物理所合作, 研究大气环流模式中的陆地表面过程。

荣誉及奖励

2024 获南京师范大学名誉教授称号
2024 获北京师范大学名誉教授称号
2023 当选为国际科学理事会 (ISC) 院士 (由 ISC 授予在国际社会引领科学研究并为社会服务的科学家的最高荣誉)
2023 科睿唯安“全球高被引科学家” (Clarivate™ Highly Cited Researchers™)
2022 Research.com 瑞典环境科学领袖奖
2021 哥德堡大学理学院协同奖
2021 鉴于他对瑞典和国际气候研究做出的杰出贡献, 获得由瑞典国王颁发的国王勋章
2021 被《哥德堡邮报》列为瑞典西部 100 名最具影响力人物第 2 名
2021 入选由英国路透社 (The Reuters) 根据最新科学家影响力评价系统评选出的气候变化研究领域全球最具国际影响力的 1000 位科学家名单录
2019 获南京大学名誉教授称号
2018 当选为欧洲科学与艺术学院院士
2018 获 2017 年度“中华人民共和国国际科学技术合作奖”
2018 当选为挪威科学和文学院外籍院士
2017 当选为中国科学院外籍院士
2017 获得中国科学院 2016 年度“国际科技合作奖”
2015 当选为发展中国家科学院 (The World Academy of Sciences: TWAS) 院士
2014 获哥德堡大学授予的 Pro Arte et Scientia 勋章
2013 当选为哥德堡皇家艺术与科学院院士
2012 获中国科学院青藏高原研究所名誉研究员称号
2010 当选为瑞典皇家科学院院士

学术及社会兼职

2024- 中国气象局国家气候中心科学指导委员会委员
2023-2024 ICBS (国际基础科学大会) 科学前沿奖 (FSA) 气候与环境建模选择委员会成员
2023- 发展中国家科学院 (TWAS) 院士选举咨询委员会委员
2023-2027 《National Science Review》顾问委员会委员
2021 至今 未来地球理事会委员
2021 至今 北京城市气象研究院科学指导委员会主席
2021 和 2023 由未来地球组织 (Future Earth)、地球联盟 (The Earth League) 和世界气候研究计划 (WCRP) 联合领导的“2021 年气候科学的 10 个新见解”项目的编辑委员会委员
2020- 瑞典未来地球基金会董事会成员

2019 至今 南京大学大气科学学院校友战略咨询委员会主任

2019 至今 欧洲地球物理联合会 (EGU) 终身会员

2018-2023 Wallenberg 基金会和瑞典皇家科学院支持的高级人才计划导师

2018-2021 IPCC WGI 第 6 次评估报告(AR6) 第一章协调主要作者 (Coordinating Lead Author)

2018-2021 瑞典皇家科学院地学部主任

2018-至今 美国地球物理联合会 (AGU) 终身会员

2017 至今 《Big Earth Data》编委

2017 至今 TWAS-联想地质科学奖国际评审委员

2017-2020 斯德哥尔摩大学 Bolin 气候研究中心的科学顾问委员会委员

2016 至今 斯德哥尔摩水奖(Stockholm Water Prize)评奖委员会主席

2016 至今 未来地球计划旗下的核心项目-国际综合风险防范项目 (IRG Project) 科学委员会委员

2016 至今 Stockholm Resilience Centre 董事会委员

2016-2019 美国宾夕法尼亚州立大学数据同化与可预测性技术中心 (ADAPT) 科学顾问委员会委员

2015-2017 Baltic Earth 高级顾问委员会成员

2015-2017 牛津科学研究百科全书《西藏地区的气候与气候变化》主编

2014-2016 《Journal of Geographical Sciences》(地理学报英文版) 副主编

2014 至今 《Advances in Climate Change Research》副主编

2014-2017 Olav Thon 基金会顾问委员会委员及国际科学, 数学和医学研究奖委员会委员

2014 至今 Stockholm Resilience Centre 国际科学咨询理事会成员

2013-2022 《National Science Review》编委

2013-2018 沃尔沃环境奖 (VOLVO Environment prize) 科学委员会委员

2013-2015 日本人文与自然研究所 (Research Institute for Humanity and Nature: RIHN) 项目评审委员会委员

2012-2015 瑞典皇家科学院国家全球环境变化研究委员会成员

2012, 2008 Sixten Heyman 奖评奖委员会委员

2012 至今 “第三极环境 (TPE)” 国际研究计划共同主席

2011-2017 瑞典环境与气候数据中心 (ECDS) 科学顾问委员会主席

2011-2013 法国国家研究署地球系统科学科学指导委员会委员

2011-2013 经合组织 (OECD) 创新、高等教育发展研究计划 (IHERD) 顾问委员会委员

2011-2017 《Environmental Development》编委

2010 瑞典皇家科学院组织的第三届诺贝尔奖得主全球可持续发展研讨会 ('3rd Nobel Laureate Symposium on Global Sustainability) 科学委员会委员

2010-2013 IPCC WGI 第 5 次评估报告 (AR5) 第一章主要作者 (Lead Author)

2009 至今 清华大学地球科学中心科学指导委员会委员

2009-2012 全球环境变化的人类因素计划 (IHDP)、国际生物多样性科学计划 (DIVERSITAS) 和国际地球科学联盟 (ESSP) 科学委员会委员

2009-2012 世界科学论坛指导委员会 (the World Science Forum) 委员

2008-2015 瑞典皇家科学院环境委员会委员

2008-2015	《Chinese Geographical Science》编委
2008-2015	《Journal of Earth Environment》编委
2007	《Atmospheric Chemistry and Physics》客座编辑
2006-2007	瑞典皇家科学院地球物理国家委员会委员
2006	《Geografiska Annaler》客座编辑
2004-2005	瑞典国家 IGCP 委员会委员
2004-2008	瑞典皇家科学院国家 IGBP/WCRP 委员会委员
2004-2015	《气象学报》编委
2002-2008	中国气象局国家气候中心科学主任
2000-2003	瑞典航天局大气委员会委员
2000	挪威自然资金委员会国际评审专家
1999-2003	德国教育与科研部气候研究计划国际专家
1999	IPCC WGI 第 3 次评估报告(AR3)第 10 章贡献作者
1998-2002	瑞典自然资金委员会地学部评审委员会委员

研究兴趣

- 地球系统科学与全球环境变化
- 全球气候动力学和模拟
- 第三极地区大气环流和水平衡
- 最近和未来的区域气候变化及其对水，生态环境和农业的影响

教学经历

本科课程 气候系统，小气候学，应用气候学，气候变率与气候变化，气候变化及其影响综合评估，天气气候学，地球系统科学，气候模拟，基础气象学，大气科学，地理信息系统导论，从地球系统的角度看气候变化，气候与社会，全球变化一问题、分析、措施，从地理角度看待气候变化……

研究生课程 环境建模，自然地理建模，气候动力学，气象学，环境统计学，边界层气象学，气候建模，地球科学统计学，地理信息系统……

暑期学校 “气候模式模拟”，2017年7月19 - 30日，兰州；“第十一届气候系统与气候变化国际研讨会”，2014年7月14 - 25日，北京；“降尺度夏季课程”，2007年6月18-22日，波兰罗兹大学；“第一期ECCE高级气候与地球环境研究暑期学校：气候系统模拟”，2006年7月30 - 8月12日，北京。

指导博士研究生

姓名	答辩时间	研究方向
Gerrit Lohmann	1995	全球气候动力学和气候模拟
Lars Lindkvist	1997	瑞典森林霜冻与局地气候和区域气候的关系
Katarina Borne	1998	哥德堡地区海陆风的研究
Barbro Johansson	2002	瑞典山地气候研究
Maj-Lena Linderson	2002	瑞典南方降雨及降尺度研究
Cecilia Hellström	2003	瑞典历史和未来降水变化的研究
Christine Achberger	2004	瑞典区域气候变化及降尺度研究
Fredrik Wetterhall	2005	气候变化降尺度及对水文的影响
Lijun Fan (范丽军)	2006	中国气候变化及降尺度研究

Junfeng Miao (苗峻峰)	2006	中尺度气象模式和对局地环流的模拟
Yanling Song (宋艳玲)	2007	气候变化对中国农业的影响
Elisabeth Simelton	2007	中国气候变化及对农业的影响
Shuiqing Yin (殷水清)	2008	sub-daily scale precipitation variability in China
Lin Tang (唐琳)	2009	Surface ozone variation and change in Sweden
Cecilia Bennet	2009	The Tropospheric Aerosol - Measurements and Modelling. Case studies in Tanzania and Southeast Asia and development of models for size resolved aerosol simulations on the regional scale
Matilda Palm	2009	Land Use in Climate Policy - Forest Based Options at Local level with Cases from India
Christin Eriksson	2009	Characterizing and reconstructing 500 years of climate in the Baltic Sea Basin
Ge Gao (高歌)	2010	Changes of evapotranspiration and water cycle in China during past decades
Jenny Sundberg	2011	瑞典空气质量
Ida Westerberg	2011	Observational Uncertainties in water-resources modelling in Central America
Sihong Wu (武思红)	2011	Impact Of cold climate on boreal ecosystem processes-exploring data and model uncertainties
Lars Zetterberg	2011	Instruments for reaching climate objectives-focusing on the time aspects of bioenergy and allocation rules in the European Union's emissions trading system
Yaomin Liao (廖要明)	2012	Study and application of stochastic weather generator BCC/RCG-WG
Alexander Walther	2012	Simulated and observed change of precipitation and temperature in Europe with focus on the Greater Baltic Area
Tinghai Ou (欧廷海)	2013	Observed and simulated changes in extreme precipitation and cold surges in China: 1961-2005
Peng Zhang (张鹏)	2015	Summer Climate Variability during the Past 1200 Years in Central Scandinavia: A Tree-Ring Perspective
Xiaowen Zhang (张潇文)	2018	Contribution of changes in atmospheric circulation patterns to regional temperature and precipitation variation
Aifang Chen (陈爱芳)	2020	Tropical cyclone induced extreme wind, rainfall, and floods in the Mekong River Basin
Gangfeng Zhang (张钢锋)	2020	Change of wind speed over North China: process, mechanism and assessment of environment effects
Lorenzo Minola	2020	Changes in near-surface winds across Sweden over the past decades - Observations and simulations
Bo Su (苏勃)	2022	全球视角下中国冰川水资源供给功能和服务变化研究
Hui-Wen Lai (赖慧文)	2023	Towards an improved understanding of precipitation variations over the Tibetan Plateau

Cheng Shen (沈成) 2024 Evaluation and projection of the changes in near-surface wind speed: implication for wind energy potential.

博士后

Xiaoye Yang, Bo Su, Zhengyao Lu, Ruzhen Yao, Lorenzo Minola, Chunlue Zhou, Julia Curio, Kaiqiang Deng, Guojin Pang, Cesar Azorin-Molina, Xuejia Wang, Xiaorui Niu, Marston Johnston, Jianbin Huang, Changgui Lin, David Rayner, Wenbin Liu, Mousong Wu, Klaus Wyser, Jee-Hoon Jeong, Youmin Chen, Katarina Borne, Madelene Ostwald, Shuiqing Yin, Christine Achberger, Lijun Fan, Hans Linderholm

访问博士生

Shalenys Bedoya-Valestt	Rong Guo	Haolin Luo	Shiyue Zhang
Jiayue Zhou	Lulei Bu		
Xuan Liu	Junbin Wang	Bo Su	Gangfeng Zhang
Huiru Jiang	Myung-II Jung	Lianyi Guo	Hongyu Xie
Yudan Wang	Yan Wang	Kaijun Wu	Ning Jiang
Xiuzhen Li	Weiwen Wang	Masoud Irannezhad	Yilai Peng
Cesar Azorin-Molina			

访问学者

Associate Professor Qin Wen and Weiye Sun from Nanjing Normal University;
Prof. Chuixiang Yi from the City University of New York;
Dr. Tat Fan (Fandy) Cheng from the Hong Kong University of Science and Technology;
Prof. Wenhong Li from Duke University;
Prof. Chris Folland from the Met Office UK;
Prof. Fuqing Zhang from Penn State University;
Prof. Xiuzhen Li from Sun Yat-Sen University;
Prof. Kun Yang from Tsinghua University;
Dr. Yufeng Dai from Institute of Tibetan Plateau Research, Chinese Academy of Sciences;
Prof. Seok-Woo Son from Seoul National University in Korea;
Prof. Fei Wang from Institute of Soil and Water Conservation, Chinese Academy of Sciences (CAS);
Prof. Xuemei Wang from Jinan University;
Dr. Aristita Busuoiu from National Meteorological Administration of Romania;
Prof. Dr. Manuel Nunez from University of Tasmania;
Prof. Xiaodong Li from Beijing University;
Prof. Bin He and Yun Xie from Beijing Normal University;
Prof. Yu Liu from Institute of Earth Environment of CAS;
Prof. Tijian Wang from Nanjing University;
Dr. Jiandong Liu from Chinese Academy of Meteorological Sciences;
Prof. Xuejie Gao from Institute of Atmospheric Physics of CAS;
Prof. Ying Xu, Dr. Yanling Song, and Dr. Huanping Wu from National Climate Center of China Meteorological Administration;
Dr. Yudong Tian from University Maryland/NASA;

Prof. Yanhong Gao from Cold and Arid Regions Environmental and Engineering Research Institute of CAS;
Dr. Rasmus Benestad from the Norwegian Meteorological Institute;
Dr. Keyan Fang from Fujian Normal University of China;
Prof. Chang-Hoi Ho from Seoul National University in Korea;
Prof. Weihong Qian from Peking University.

担任其它大学博士答辩主考官

- 2022 Velia Bigi at Politecnico di Torino: "Understanding vulnerability to natural and quasi-natural hazards: the importance of a local scale perspective for the production of relevant information"
- 2022 Lianyu Yu at Universiteit Twente: "Coupled Water–Heat–Carbon Exchange Processes in Cold Environments: Observation and Numerical Modeling"
- 2021 Yiheng Du at Lund University: "Present and Future Precipitation Variations in the Source Region of the Yangtze River, China"
- 2019 Astrid Fremme at University of Bergen: "Moisture sources for East Asian monsoon precipitation"
- 2016 Patrick W. Keys at Stockholm University: "The Precipitationshed – Methods, Concepts, and Applications"
- 2015 Feifei Yuan at Lund University: "Impacts of climate change on surface hydrology in the source region of the Yellow River"
- 2015 Giulio N. Caroletti at University of Bergen: "A Linear Model for Orographic Precipitation in meteorological and climatological downscaling"
- 2008 Carin Nilsson at Lund University: "Windstorms in Sweden - variations and impacts"
- 2006 Christer Jansson at KTH Royal Institute of Technology: "Surface energy balance and small-scale climate within the urban environment"
- 2004 Tony Persson at Uppsala University: "Evaporation and Heat-flux Aggregation in Heterogeneous Boreal Landscapes".

最近的研究项目（2016 年至今）

- 1 主持 "Impact of climate variation and change on offshore wind energy potential" supported by Swedish Formas (2023-01648), 2024-2027.
- 2 主持 STINT project "Simulation study on influences of natural forcings on decadal change of the Third Pole-East Asia monsoon precipitation" (CH2020-8767), 2021-2023.
- 3 主持 SNIC Large Compute project "High resolution climate modelling with a focus on convection and associated precipitation over the Third Pole region" (SNIC 2020/1-14) supported by Swedish National Infrastructure for Computing (SNIC) partially funded by the Swedish Research Council through grant agreement no. 2016-07213, 2020-2021.
- 4 主持 "Impact of climate change on water balance on The Third Pole Region" supported by The Swedish Foundation for International Cooperation in Research and Higher

- Education (STINT: CH2015-6226), 2016-2018.
- 5 主持 “Linking accelerated warming over the Tibetan Plateau to the increased frequency of European summer heat waves” supported by Swedish Research Council (VR: 2019-03954), 2020-2022.
 - 6 主持 MERGE (Swedish National Research Program on Modelling the Regional and Global Earth system) project “Developing a modeling framework for regional land-atmosphere interaction studies: an application in the Third Pole”, 2020-2021.
 - 7 主持 “Impacts of extremely high summer temperature and drought on forest over Eurasia with a focus on Sweden” supported by Swedish Formas (2018-02858), 2019-2021.
 - 8 主持 “Dynamics and importance of convection for precipitation in the Third Pole region: Satellite and ground-based observation versus model simulations” supported by Swedish National Space Agency (SNSA: 188/18), 2019-2021.
 - 9 主持 EU project “EXTREME: Robust attribution of human-induced thermodynamic and dynamic contributions in historical changes of regional heat and cold waves over Europe” under the MARIE SKŁODOWSKA-CURIE ACTIONS Individual Fellowships (IF) program, supported by the European Commission (101067046), 2022-2024.
 - 10 主持 EU project “STILLING: Towards improved understanding of the worldwide decline of wind speed in a climate change scenario” under the MARIE SKŁODOWSKA-CURIE ACTIONS Individual Fellowships (IF) program, supported by the European Commission (703733), 2016-2018.
 - 11 主持 SNIC Large Compute project “High resolution climate modelling with a focus on convection and associated precipitation over the Third Pole region” (SNIC 2020/1-14) supported by Swedish National Infrastructure for Computing (SNIC) partially funded by the Swedish Research Council through grant agreement no. 2016-07213, 2020-2021.
 - 12 参与 “Investigation of the impact of technological developments in batteries on Swedish future air transportation” supported by the Chalmers University of Technology and University of Gothenburg, 2024-2025.
 - 13 参与 “Towards a sustainable and resilient water supply in Sweden: Holistic solutions to groundwater drought and water scarcity” supported by Swedish Formas (2023-00515), 2024-2027.
 - 14 参与 “Co-Creating Better Blue – C2B2” supported by Swedish Mistra, 2023-2027.
 - 15 参与 “PHOENIX: Human Mobility, Global Challenges and Resilience in an Age of Social Stress” supported by Belmont Forum via Swedish Research Council (VR: 2022-06011), 2022-2025.
 - 16 参与 “New Interdisciplinary Framework for Studying the Relation between Climate Change and Migration” supported by Swedish Research Council (VR: 2021-02163), 2022-2027.
 - 17 参与 BECC (Swedish National Research Program on Biodiversity and Ecosystem services in a Changing Climate) project “The impact of warming-induced summer vegetation drought on the vegetation greening, tree growth and carbon fluxes in Sweden”, 2022-2023.

- 18 参与 MERGE (Swedish National Research Program on Modelling the Regional and Global Earth system) and BECC project “Learning from a fire prone past for a fire prone future: Assessing the effect of forest fires (pilot project)”, 2021-2022.
- 19 参与 STINT project “Climate change and its impacts on hydrology and water resources in the Yangtze and Mekong River basins” (CH2019-8377), 2020-2022.
- 20 参与 SSSTC project “Understanding snow, glacier and rivers response to climate in High Mountain Asia (ASCENT)” supported by SNSF and NSFC, 2020-2023.
- 21 参与 MERGE (Swedish National Research Program on Modelling the Regional and Global Earth system) project “Towards improved understanding of albedo-climate interaction of common land uses across Sweden”, 2020-2021.
- 22 参与 BECC (Swedish National Research Program on Biodiversity and Ecosystem services in a Changing Climate) project “Impacts of extreme drought on ecosystems in Eurasia and Sweden - the role of deep water reserves”, 2020-2021.
- 23 参与“Safe and Sustainable groundwater-based water supply in Swedish cities and countryside” supported by Swedish Formas (2018- 00302), 2018-2019.
- 24 参与“Variations of precipitation and transpiration on Tibetan Plateau in response to the warming since the Little Ice Age” supported by Swedish Formas (2017-1408), 2018-2020.
- 25 参与“Detection and attribution of changes in extreme wind gusts over land” supported by Swedish Research Council (VR: 2017-03780), 2018-2021.
- 26 参与“A novel framework to evaluate the impact of climate change on groundwater resources in Sweden” supported by Swedish Formas (2016-513), 2017-2019.
- 27 参与“S-CMIP: Swedish climate research and contributions to the sixth International Coupled Model Intercomparison Project (CMIP6) - phase 3 (2017)” supported by the Swedish National Supercomputer Centre (SNIC: 2016/34-21:).
- 28 参与“Northern Hemisphere warm-season jet stream variability and its links to climate extremes over the last millennium: JETCLIM” supported by Swedish Research Council (VR: 2015-04031), 2016-2019.
- 29 CI for project “Observed trends and future changes in the intensity, frequency, and duration of very hot weather in Hong Kong” supported by General Research Fund of Hong Kong (RGC Ref No. 11306417), 2018-2020.

主要特邀报告 (2016 年至今)

- Keynote “Complex/Compound Disaster Risk under Climate Change” at the International Conference on Climate Change and Disaster Risk, organized by China-Pakistan Joint Research Center on Earth Sciences, International Association for Hydro-Environment Engineering and Research, Pakistan Academy of Sciences, and Quaid-i-Azam University, 25-27 October 2023 in Islamabad.
- Keynote “Changes in wind climate: observations, causes, and future projections” at **Climate, Weather and Water Forum (CW2F)**, organized by HKUST, 5-7 June, 2023 in Hong Kong.
- Keynote “The importance of research across disciplines and national boundaries for global sustainability” at **PAIR Conference: Research Excellence for Societal**

Impacts, organized by The PolyU Academy for Interdisciplinary Research (PAIR), 8-11 May 2023 in Hongkong.

- Keynote “Climate change impacts in the Third Pole” at **the Living Planet Symposium 2019**, organized by ESA, 13-17 May 2019 in Milan.
- Keynote “Observations, reanalysis, and modeling of the regional climate and water cycle at the Earth’s Third Pole” at **American Meteorological Society’s Third Symposium on Multi-scale Predictability: Data-model Integration and Uncertainty Quantification for Climate and Earth System Monitoring and Prediction**, organized by AMS, 7-11 January 2018, Austin, TX.
- Invited Lecture “Towards global sustainability: The role of research across disciplines and national boundaries” at **the Norwegian Academy of Science and letters** on 14 September 2017, Oslo.
- Keynote “Regional climate change in Tibet: past and future” at **Symposium on Advanced Assimilation and Uncertainty Quantification in Big Data Research for Weather, Climate and Earth System Monitoring and Prediction**, organized by Penn State’s Center on Advanced Data Assimilation and Predictability Techniques (ADAPT), May 23-24, 2016, College State.
- Keynote “Factors influencing variability of the Indian monsoon” at **International Workshop on Indian Monsoon and Earth System**, organized by Third Pole Environment (TPE), March 28-29, 2016, Kathmandu.
- Keynote “A Climate Scientist’s Reflection on Big Data” at **Workshop on Big Data for International Scientific Programmes: Challenges and Opportunities**, organized by CODATA, WDS, IRDR, Future Earth, GEO, RDA, ISDE, RADI, June 8-9, 2014, Beijing.

发表的同行评审文章及出版专著

总结: 累计发表同行评议论文 600 余篇, 其中 50 多篇发表在备受瞩目的期刊上, 例如《自然气候变化》(4)、《自然通讯》(6)、《自然地球科学》(3)、《自然能源》(2)、《自然可持续发展》(1)、《自然水》(1)、《自然评论地球与环境》(2)、《自然生态与演化》(1)、《科学》(3)、《科学进展》(3)、《科学通报》(9)、《国家科学评论》(5)、《创新》(1)和《美国国家科学院院刊》(3); 7 本参考书籍或书籍章节; 以及 200 多份会议论文或报告。 总被引次数 = 50 161, H 指数 = 97 (根据 Google Scholar), 多次入选科睿唯安 (Clarivate) 全球 “高被引科学家” 名单。