



2018 年国际环境与健康研讨会(ISEH2018)

2018 International Symposium on Environment and Health

第二轮通知

Second Announcement



会议网址 website: <http://www.iseh2018.com/>

Shanghai, China

December 4-6, 2018

■ 举办本次会议目的 Purpose of ISEH2018

“环境与健康”是一个重要的科学研究领域。作为一个多学科交叉性质的研究领域，深入认识环境问题与人体健康的关系需要全球的相关专家学者的共同合作交流。正是在此背景下，自 2012 年起，每两年一次召开了国际环境与健康系列研讨会(ISEH)。该系列研讨会旨在为环境与健康相关的科学家、科研人员和环境咨询家等提供一个国际合作交流平台。前三届 ISEH 研讨会分别在爱尔兰和北京举办，第四届国际环境与健康研讨会（即 ISEH2018）将于 2018 年 12 月 4-6 日上海举办，主办方为复旦大学。本次会议为国际会议。

2018 年 ISEH 研讨会将继续围绕系列研讨会的宗旨，本届会议主题为“环境健康与持续发展”。环境污染已成为人类健康的主要威胁之一，特别在中国等发展中国家，高速的经济发展和工业化进程，带来了一系列的环境污染问题。因此，人们需要追求一种可持续的发展，需要防治环境污染问题，以避免发展带来的污染对人体健康的有害影响。ISEH2018 将邀请国内外享有盛誉的专家，分享环境与健康相关的最前沿重要科学发现，介绍最新的研究方法和技术，总结环境与健康的发展趋势和研究需求。通过这次会议，我们希望促进国内外学者及相关从业人员的关于热点问题的学术交流与技术合作，为解决地区和全球的环境健康问题提供新方法，为人类可持续发展建设提供新思路。

The issues of environment and health are widely recognized in the world, calling scientists in different fields to work together on this multi-disciplinary topic of common interests. The ISEH (International Symposium on Environment and Health) conference aims to provide a platform for international communication among scientists, non-profit organizations and policy makers in the areas of environmental pollution and human health, as well as an opportunity for promoting collaborations. The coming 4th conference, scheduled on December 4-6, 2018, is organized by Fudan University in Shanghai. **The abstract submission system will be open from August 1 to November 15, and the on-line registration will be open from August 1 to November 30.** A template for Abstract is available at the end of this announcement.

Environmental pollution caused by economic activities and urbanization limits the feasibility of continued economic growth, especially in developing countries like

China. The pursuit of sustainable development by protecting the environment and preventing human from deleterious risks in pollution has been a public concern in all countries. The ISEH 2018 is aimed at promoting communications between scientists from home and abroad on their most exciting findings in the research, prudent opinions on pollutions, and solutions for the environment problems.

1. **Air pollution and Health**
2. **Water Pollution and Health**
3. **Soil Pollution and Health**
4. **Urbanization and Sustainable Development**
5. **Graduate Student Symposium**

■ **会议主题 Theme of ISEH2018**

Sustainable Environment and Health

■ **会议语言: Language**

English

■ **主题报告 Keynote talk**

Effects of Recent Air Policies in China and the Future Direction by Prof. JM Hao

郝吉明院士（“大气十条”实施效果与将来的发展方向）

Title by Prof. Guibin Jiang

江桂斌院士（题目待定）

Evaluation of Air Quality Trend in China Based on highly Sectorially Resolved Inventories by Prof. S Tao

陶澍院士（中国基于行业细分方法的空气质量趋势评估）

■ 会议组织 Organizations

主办单位：复旦大学

Organizer: **Fudan University**

联合主办单位：北京大学

爱尔兰国立大学

中科院城市环境研究所

中科院南京地理与湖泊研究所

Co-organizers: **Peking University**

National University of Ireland

Institute of Urban Environment, CAS

Nanjing Institute of Geography and Limnology, CAS

There is a special organization list for International Workshop on Green Biorefineries for Biomass Waste and the Environment 2018 (GBBWE 2018) (Please see the special session).

■ 学术委员会 Academic Committee

主席: 陶澍(北京大学), 郝吉明(清华大学), **Kirk R. Smith**(University of California Berkeley)

委员 (按姓氏排序): 安太成 (广东工业大学), 蔡勇 (江汉大学), 蔡宗玮 (香港浸会大学), 陈建民 (复旦大学), 冯新斌 (中科院地化所), 江桂斌 (中科院生态环境研究中心), **Yong-Sik Ok** (Korea University), 王祥科 (华北电力大学), 曾永平 (暨南大学), 张朝生 (爱尔兰国立大学 (戈尔韦)), 朱永官 (中科院城市环境研究所)

Chairs: Shu Tao (Peking University), **Jiming Hao** (Tsinghua University), **Kirk R. Smith** (University of California Berkeley)

Members: Taicheng An (Guangdong University of Technology), **Yong Cai** (Jiangnan University), **Zongwei Cai** (Hong Kong Baptist University), **Jianmin Chen** (Fudan University), **Xinbin Feng** (Institute of Geochemistry, CAS), **Guibin Jiang** (Research Center for Eco-Environmental Sciences, CAS), **Yong-Sik Ok** (Korea University), **Xiangke Wang** (North China Electric Power University), **Yongping Zeng** (Jinan

University), **Chaosheng Zhang** (National University of Ireland), **Yongguan Zhu** (Institute of Urban Environment, CAS).

There is an academic committee with a list of scientists for GBBWE 2018 (Please see the special session).

■ 组织委员会 Organization Committee

杨新 (复旦大学), 高效江 (复旦大学), 张士成 (复旦大学), 王琳 (复旦大学), 丁士明 (中科院南京地理与湖泊研究所), 叶兴南 (复旦大学), 李庆 (复旦大学), 罗刚 (复旦大学), 王戎 (复旦大学), 王玉涛 (复旦大学), 王梓萌 (复旦大学), 张立武 (复旦大学), 张艳 (复旦大学), 赵德峰 (复旦大学)

Yang Xin (Fudan University), **Xiaojiang Gao** (Fudan University), **Shicheng Zhang** (Fudan University), **Lin Wang** (Fudan University), **Shiming Ding** (Nanjing Institute of Geography and Limnology, CAS), **Xingnan Ye** (Fudan University), **Qing Li** (Fudan University), **Gang Luo** (Fudan University), **Rong Wang** (Fudan University), **Yutao Wang** (Fudan University), **Zimeng Wang** (Fudan University), **Liwu Zhang** (Fudan University), **Yan Zhang** (Fudan University), **Defeng Zhao** (Fudan University)

There is an organization committee with a list of scientists for GBBWE 2018 (Please see the special session).

■ 议题 Programs

✚ Session 1 (Dec 5, 2:00-6:00pm). Air pollution, climate change and public health 空气污染、气候变化与公共卫生

As the largest developing country, China has been changing rapidly over the last three decades and its economic expansion is largely driven by the use of fossil fuels, which leads to a dramatic increase in emissions of both ambient air pollutants and greenhouse gases. Consideration of the public health impact of air pollution and climate change can help the government move forward towards sustainable development with appropriate urgency. In this session, we will discuss the impact of air pollution and climate change on public health, and the strategy to control air

pollution and mitigate climate change. 我国作为最大的发展中国家，近年来经济发展迅速，于此同时空气污染物和温室气体的排放也增加较快。考虑空气污染和气候变化对我国公共卫生的影响，可以促进政府加速向可持续发展的转型。本分会场，我们将着重讨论空气污染和气候变化对公共卫生的影响，以及控制污染、减缓气候变化的策略。

召集人： 阚海东（复旦大学 **长江学者**）徐顺清（华中科技大学 **长江特聘**）

拟特邀报告： 谈建国（上海市气象局，**教授级高工**）

Conveners: Haidong Kan (Fudan University) Shunqing Xu (Huazhong University of Science and Technology)

Invited speakers (to update): Tan Jianguo (Shanghai Meteorology Bureau)

✚ **Session 2. (Dec 5, 2:00-6:00pm) Atmospheric emission source and health effects** **大气污染排放源与健康效应**

Recently, the rapid development of air emission source measurement and emission inventory calculation greatly improved the air quality forecasting and source apportionment in China. Meanwhile, the studies on health effects of air pollution exposure are focusing on the recognition of crucial emission sources and human susceptibility. Future air pollution control policy will benefit from the understanding of human exposure and health effects of specific emission sources and air pollutants. In this session we will provide an interaction platform for scientists from air emission source research, and human exposure and health effects, supporting the policymaking of air pollution control from the source. 我国近年来大气污染源排放测量与源清单数据日益丰富，为空气质量预报和污染源解析等奠定了基础。同时，空气污染的人体暴露与健康效应研究，正在向关键污染源识别、人群易感性等方向深入。我国急需建立基于人体暴露和健康影响数据的关键污染源和关键污染物的控制措施。本主题旨为空气污染源测量、人体暴露和健康影响研究提供学术交流平台，服务于我国空气污染源治理的政策制定。

召集人： 陈颖军（复旦大学 **教授**）宫继成（北京大学 **青千**）

拟特邀报告： 毛洪钧（南开大学 **国家千人**），郑君瑜（暨南大学 **国家杰青**），

张干（中科院广州地化所 国家杰青），郑玫（北京大学 教授），宫继成（北京大学 青千），王戎（复旦大学 青千）

Conveners: Yingjun Chen (Tongji University), Jicheng Gong (Peking University)

Invited speakers (to update): Hongjun Mao (Nankai University), Junyu Zheng (Jinan University), Gan Zhang (Guangzhou Institute of Geochemistry CAS), Mei Zheng (Peking University), Jicheng Gong (Peking University), Rong Wang (Fudan University)

✚ Session 3 (Dec 6, 8:30-12:30pm). Formation mechanism of urban haze particles 城市灰霾粒子形成机制

Haze pollution in urban area significantly impacts climate change and human health. However, the mechanisms leading to the formation of the urban fine particulate matters (PM) remain highly uncertain. The deficiencies in our understanding of urban fine PM formation hinder the developments of predictive atmospheric models to simulate climate changes and efficient mediation policies to minimize its environmental impacts. The topics of this session will include origins, formation mechanisms and environmental effects of urban fine PM, as well as future research directions. 城市灰霾污染对气候变化和人体健康均有显著影响，但是有关其来源和形成机制的研究结果还存在很大不确定性，从而影响了人们对气候变化的准确预测和空气污染的有效改善。本专题针对城市灰霾粒子形成机制、来源及其环境效应等科学问题，欢迎国内外各位同行就最新研究进展和未来研究方向展开交流和讨论。

召集人: 王格慧（华东师范大学 国家杰青），傅平青（天津大学 国家杰青），盖鑫磊（南京信息工程大学 青千）

拟特邀报告: 傅平青（天津大学 国家杰青），王新明（中科院广州地化所 国家杰青），盖鑫磊（南京信息工程大学 青千），肖化云（中科院贵阳地化所 国家杰青），丁翔（中科院广州地化所 优青）

Conveners: Gehui Wang (East China Normal University), Pingqing Fu (Tianjin University), Xinlei Ge (Nanjing University of Information Science & Technology)

Invited speakers (to update): Pingqing Fu (Tianjin University), Xinming Wang (Guangzhou Institute of Geochemistry CAS), Xinlei Ge (Nanjing University of

Information Science & Technology), Huayun Xiao (Institute of Geochemistry CAS), Xiang Ding (Guangzhou Institute of Geochemistry CAS)

✚ Session 4 (Dec 6, 8:30-12:30pm). Ship and Port- related emissions, air pollution and their health effects 港口及船舶大气污染物排放的环境及健康效应

With the continuous increase of international maritime trade, shipping emissions and their environmental and health impacts have attracted increased attention globally over the past decades. Shipping emits air pollutants that contribute to adverse impacts on climate, on air quality and on the health of people living near ports. This session aims to promote the scientific and technical communications and potential cooperation among the researchers from this field. Here we are going to organize 10-12 talks in this session, including 3-4 specially invited speakers.

Welcome all interested researchers to submit abstract. 近些年来，随着国际海运贸易量的增长，船舶排放以及由此带来的环境及健康效应也广泛受到世界范围内的关注，船舶排放的污染物对于气候、空气质量以及港口附近的居民带来较大的负面影响，本分会目的在于促进港口和船舶大气污染相关领域的科学交流并加强同领域研究者之间的潜在合作。分会拟组织 10-12 个会议报告，包括 3-4 位特邀报告，欢迎所有感兴趣的研究者投稿。

召集人：张艳（复旦大学）、刘欢（清华大学 优青）

拟特邀报告：宁治（香港科技大学），刘欢（清华大学 优青），陈东升（北京工业大学），张艳（复旦大学）

Conveners: Yan Zhang (Fudan University), Huan Liu (Tsinghua University)

Invited speakers (to update): Zhi Ning (The Hong Kong University of Science and Technology), Huan Liu (Tsinghua University), Dongsheng Chen (Beijing University of Technology), Yan Zhang (Fudan University)

✚ Session 5 (Dec 6, 8:30-12:30pm). Water pollution and health 水污染与健康

在过去的四十年里，中国的经济繁荣引发了一场水危机。水在工农业领域的大量使用造成了水污染，有毒化学品和工业废水的广泛输入污染了湖泊、河流和地下水。水污染是迄今为止最严重的威胁，破坏了人们的健康。本专题

将讨论水污染和水生态灾害的成因、生物接触及健康影响，以及污染水体修复的新技术和未来的研究方向。Over the last four decades, the economic boom in China has caused a water crisis. The uses of massive amounts of water in industrial and agricultural fields created massive water pollution. The widespread input of toxic chemicals and industrial wastewater has poisoned lakes, rivers and groundwater. Water pollution is by far the biggest threat that deteriorates the good health of people. This session will address water pollution causes, biotic exposure and toxic effects, as well as novel techniques for recovering polluted waters and future research directions.

召集人: 丁士明 (中科院南京地湖所 优青/万人), Daniel C.W. Tsang (香港理工大学), 王小萍 (中科院青藏高原所 优青)

特邀报告: 张朝生 (爱尔兰国立大学), 陈求稳 (南京水利科学研究所), 潘波 (昆明理工大学), Daniel C.W. Tsang (香港理工大学), 王小萍 (中科院青藏高原所), 朱青 (中科院南京地湖所)

Conveners: Shiming Ding (Nanjing Institute of Geography and Limnology CAS), Daniel C.W. Tsang (The Hong Kong Polytechnic University), Xiaoping Wang (Institute of Tibetan Plateau Research, CAS)

Invited speakers (to update): Chaosheng Zhang (National University of Ireland, Galway), Qiuwen Chen (Nanjing Hydraulic Research Institute), Bo Pan (Kunming University of Science and Technology), Daniel C.W. Tsang (The Hong Kong Polytechnic University), Xiaoping Wang (Institute of Tibetan Plateau Research, CAS), Qing Zhu (Nanjing Institute of Geography and Limnology, CAS)

 **Session 6 (Dec 5, 2:00-6:00pm). Environmental Radio Chemistry 环境放射化学**

Environmental Radiochemistry is a dynamic research area that explores radionuclide chemistry in the natural and engineered environment, including aquatic chemistry and the impact of natural organic matter and microorganisms, migration and radio-ecological behavior of radionuclides, sorption and colloidal reactions. Those reactions have profound impacts on the environmental transport of radionuclides and can be innovatively engineered to sequester or recover

radionuclide as environmental contaminants or resources. The significant progresses in interfacial chemistry has advanced our fundamental understanding of radionuclide's multiscale behaviors and enabled novel materials and technologies to ensure nuclear energy security and sustainability. This session invites papers that addresses the topics above in the general scope of environmental radiochemistry. 环境放射化学探索天然和工程环境系统的核素化学行为，包括核素水相化学，核素的界面、迁移和生态行为。这些反应过程对核素的环境行为有重要影响，也可以被用于环境修复和资源回收。目前该学科快速发展加深了我们对核素跨尺度环境行为的理解并开发出多种用于保障核能安全的新型材料和技术。该分会场欢迎环境放射化学的同行一起讨论该领域的最新进展和方向。

召集人: 王祥科 (华北电力大学 国家杰青), 王旻凹 (苏州大学 国家杰青), 王梓萌 (复旦大学 青千)

拟特邀报告: 徐超 (清华大学, 优青), 孙玉兵 (华北电力大学, 优青), 王宇恒 (西北工业大学, 青千), 李伟 (南京大学, 青千/优青)。

Conveners: Xiangke Wang (North China Electric Power University), Shuao Wang (Soochow University), Zimeng Wang (Fudan University)

Invited speakers (to update): Chao Xu (Tsinghua University), Yubing Sun (North China Electric Power University), Yuheng Wang (Northwestern Polytechnical University), Wei Li (Nanjing University)

 **Session 7 (Dec 5, 2:00-6:00pm). Urban nexus and Sustainability 城市关联和可持续发展**

Cities are facing increasingly nexus challenges in maintaining food, energy and water security and sufficiency. To sustain urban social-economic-ecological complex systems particularly under climate challenges requires new thinking and approaches. In this session, the holistic urban nexus approach to build economic, societal and ecological resilience to global changes will be addressed. 城市面临越来越多的来自粮食、能源和水安全方面挑战，特别是在气候变化的影响下，如何实现城市社会-经济-生态复杂系统的可持续运行需要新的思路和方法。本专题将从城市关联性的角度重点探讨面对全球变化的挑战，以及如何提升

城市经济-社会-生态系统弹性与适应性。

召集人: 王玉涛 (复旦大学), 张超 (同济大学)

拟特邀报告: 毕军 (南京大学 长江学者), 王兆华 (北京理工大学 国家杰青、长江学者), 温宗国 (清华大学 国家杰青), 梁赛 (北京师范大学 青千), 陈伟强 (中科院城市环境研究所, 中科院百人)

Conveners: Yutao Wang (Fudan University), Chao Zhang (Tongji University)

Invited speakers (to update): Jun Bi (Nanjing University), Zhaohua Wang (Beijing Institute of Technology), Zongguo Wen (Tsinghua University), Sai Liang (Beijing Normal University), Weiqiang Chen (Institute of Urban Environment, Chinese Academy of Science)

✚ **Session 8 (Dec 5, 2:00-6:00pm). Indoor air pollution and health risk 室内空气污染与健康风险**

Indoor air quality significantly affects human health as most population spend a long time in indoor environments. Indoor air pollution problems in urban and rural settings are different in primary air pollutants and pollution sources. The health impacts induced by exposure to urban and rural indoor air pollution could be different calling for distinct pollution control measures. It is a challenging topic to estimate and control indoor air pollution. This session will address indoor air pollution including household solid fuel combustion, indoor air quality in urban and suburban homes, and their reduced health effects, as well as control techniques for reducing household air pollution and future research directions.

In this session, we are also going to have the 3rd International Workshop on Household Energy and Air Pollution (HEAP) which aims at establishing a long-term platform for co-operations in the relevant fields at levels of research organizations and foundations as well as scientists, and also promoted the researches on household and ambient air pollution and the applications of clean fuels and stoves. The first and second HEAP workshops were held in Peking University (2015), and Institute of Earth Environment, Chinese Academy of Sciences (2017). Representatives from international organizations, central and local governments, universities and research institutions, etc., in the area of

household energy, air pollution, health and climate, in both natural and social sciences are more than welcomed.

人们每天 80% 以上的时间是室内度过的，室内空气质量对人群健康的影响尤为值得关注。在城市和农村地区，室内空气污染的来源及污染特征不同，其造成的健康危害也有其不同之处，要因地制宜地针对城市和农村地区制定相应的控制对策。评估和控制室内空气污染水平在全球范围内一直是富有挑战性的科学问题。本专题将专注于室内空气污染与健康问题，包括城市地区室内污染以及农村地区由于固体燃料使用的排放、污染特征、人群暴露与健康影响问题，以及控制污染的新方法和未来研究新方向等。

在本专题中，我们将组织第三届民用能源与空气污染国际研讨会。民用能源与空气污染国际研讨会旨在建立一个领域内研究组织和相关基金会交流和合作的平台，并共同努力通过清洁燃料和燃烧装置的推广来实现空气污染治理和环境质量改善。第一届和第二届研讨会分别在北京大学和中科院西安地环所举行。欢迎与民用家庭能、室内外污染、健康暴露和气候变化等相关的自然科学和社会科学等不同学科领域的国内外同仁来参会交流。

召集人：沈国锋（北京大学 研究员），李庆（复旦大学 研究员），段小丽（北京科技大学 教授）

拟特邀报告：张寅平（清华大学 教授），黄汝锦（中科院西安地环所，研究员），田林伟（香港大学 副教授），刘颖君（北京大学 研究员），Jill Baumgartner（McGill University 副教授），Ellison Carter (Colorado State University, 助理教授)

Conveners: Guofeng Shen (Peking University), Qing Li (Fudan University), Xiaoli Duan (University of Science & Technology Beijing)

Invited speakers (to update): Yinping Zhang (Tsinghua University), Rujing Huang (CAS), Linwei Tian (Hong Kong University), Yingjun Liu (Peking University), Jill Baumgartner (McGill University, Associated Professor), Ellison Carter (Colorado State University, Assistant Professor)

 **Special session: The International Workshop on Green Biorefineries for Biomass Waste and the Environment 2018 (GBBWE 2018)**

Biomass waste is rich in biodegradable organic matter and available in large

quantities worldwide. The utilisation of biomass waste helps reduce pollution but can also provide renewable energy and bio-based chemicals for future society. Therefore, biomass waste resource utilisation has attracted increasing attention in scientific, industrial and government communities. Anaerobic digestion is an established technology widely applied in the utilisation of waste biomass but the (bio) gas produced from this process is of low value and the costs of pre-treatment reduce the cost-effectiveness; the chemical potential of the bio-resource is also lost. An increasing amount of new research is focused on the application of different technologies (including fermentation, hydrothermal conversion, pyrolysis, and microwave treatment) to make high value chemicals from biomass waste and thus improve resource utilisation. However, these technologies can suffer from high costs and secondary pollution. There is also a concern about separation steps since these can represent up to 80% of the total costs of many common chemical processes and this is likely to increase the cost for bio-biomass based processes. The combination and ultimately integration of green technologies is crucial to realise the full potential of bio-wastes as chemical and energy resources. 生物质废弃物富含可生物降解的有机物，在世界范围内可大量获得。利用生物质废弃物有助于减少污染，并且也可以为未来社会提供可再生能源和生物基化学品。因此，生物质废弃物资源的利用越来越受到科学、工业和政府部门的重视。厌氧消化是广泛用于废弃生物质利用的一种既定技术，但由该工艺产生的(生物)气体价值低，预处理成本降低了成本效益；生物质资源的化学品潜力也丧失了。越来越多的新研究集中于应用不同的技术(包括发酵、水热转化、热解和微波处理)从生物质废物中提取高价值的化学品，从而提高资源利用率。然而，这些技术可能会成本高并具有二次污染。另外需要考虑分离过程，因为分离过程的成本可以占用许多常见化学过程多达 80% 的总成本，这可能会增加生物质基转化过程的成本。结合并最终整合绿色技术对于充分发挥生物质废弃物作为化学和能源资源的潜力至关重要。本次会议将围绕以上议题进行。

名誉主席： 韩布兴 (中科院化学所)

主席： 张士成 (复旦大学), James Clark (University of York), 胡常伟 (四川大

学), 何晶晶 (同济大学)

会场召集人及特邀报告: 见附件

Honorary Chair for GBBWE 2018: Buxing Han (Institute of Chemistry, CAS)

Chairs for GBBWE 2018: Shicheng Zhang (Fudan University), James Clark (University of York), Changwei Hu (Sichuan University), Pinjing He (Tongji University)

Detailed information for this special session is in the attached document.

■ 会议注册及摘要提交 Registration & Abstract Submission

在线注册及摘要提交网址: <http://www.iseh2018.com>, 截止日期为: 11月20日

参会人员如申请口头报告或 poster, 请提交摘要: 在线提交 1 页 A4 纸大小的 Word 文件, 内容文字需全英文, 详细要求见下:

All abstracts must be written in English (1 page A4 in Word format, Times 12 pt, 1.5-spaced) and consist of the following sections:

1. Title of the abstract: ALL CAPITALS
2. Authors: e.g., AB Surname
3. Organization(s): e.g., Fudan University, Shanghai, China
4. Body: includes introduction, methods, results and discussion

To submit your Abstract, please visit the web-site: <http://www.iseh2018.com> and submit your Abstract online. Revisions of the abstracts by their authors (for clarity, style and language) may be requested by the organizing committee.

Deadline for submission of abstracts is November 20, 2018.

Authors of accepted abstracts will be notified by the organizing committee before **November 25, 2018.**

■ 会议地点和注册费 Venue and Registration Fee

会议地点: 上海富悦大酒店, 上海市松江区茸悦路 208 弄 (近松江大学城, 万达广场东侧)

Address: Rongyue Road 208, Fuyue Hotel, Songjiang District, Shanghai, China

电话 Tel: 021-37688888

注册费: 2000 元人民币 (正式代表)、1800 元人民币 (学生代表)

2018 年 11 月 30 日之前注册正式代表和学生代表均减 100 元人民币。

交注册费可通过**汇款和现场支付**两种方式（提供会议费发票）

汇款务必注明：国际环境与健康会议 xxx（姓名）

Registration Fee:

Early-bird registration (**before November 30, 2018**): 1700 Yuan for student and 1900 Yuan for non-student

Later registration fee (**after November 30, 2018**): 1800 Yuan for student and 2000 Yuan for non-student

注册缴费：上海富悦大酒店代收

Payment for the fee: registration fee will be collected by Fuyue Hotel

本次会议的收款账户 Information for payment:

户名 Name	富悦（上海）酒店管理有限公司 Fuyue (shanghai) Hotel Management Limited Corporation
开户行 Bank name	工行上海新松江路支行 Industrial and Commercial Bank of China Limited (ICBC), Branch of New Songjiang road
帐号 Account	1001 8065 0900 0005 678
税号 Tax number	9131 0117 0729 8111 9F
联系人 Contact	吴文斌 Wenbin Wu 021-37688888 或 13472664413

■ 住宿 Accommodation

上海富悦大酒店，上海市松江区茸悦路 208 弄（近松江大学城，万达广场东侧）
Fuyue Hotel (Rongyue Road 208, Songjiang District, Shanghai, China)

住宿协议价（双人间或大床间）：参会人员 600 元/间/晚，参展人员 650 元/间/晚
Price of double/king bedroom: 600 yuan per room per night for participators; 650 yuan per room per night for exhibitors

房间预订方式：电话 021-37688888

Please direct book the room by calling +86 021-37688888 (please say that you are booking room for the ISEH 2018 conference on Dec 4-6, 2018)

■ 会议日程 Programs

日期 Date	时间 Time	具体安排 Activities
Dec. 4	全天 full day	报到与现场注册 Check-in and On-site Registration
Dec. 5	8:00-8:50	开幕式 Opening Ceremony
	8:50-9:30	大会特邀报告 Keynote Talks
	9:30-9:50	茶歇 Coffee Break
	9:50-11:30	大会特邀报告 Keynote Talks
	12:00-14:00	会议午餐 Conference Lunch
	14:00-15: 50	分会场报告 Oral Presentations in Parallel Sessions
	15:50-16:10	茶歇 Coffee Break
	16:10-18:00	分会场报告 Oral Presentations in Parallel Sessions
	18:00-19:30	会议晚餐 Conference Dinner
	19:30-21:00	海报展板与自由讨论 Posters and Free discussions
Dec. 6	8:30-10:20	分会场报告 Oral Presentations in Parallel Sessions
	10:20-10:40	茶歇 Coffee Break
	10:40-12:30	分会场报告 Oral Presentations in Parallel Sessions
	12:30-14:00	会议午餐 Conference Lunch
	14:00-15: 10	分会场报告及研究生海报评奖 Oral Presentations in Parallel Sessions and Poster Awarding
	15:10-15:30	茶歇 Coffee Break
	15:30-18:00	闭幕式及大会总结 Closing Ceremony and Plenary Presentations

■ 联系方式 Contact

一般会务情况咨询 For logistics affairs

Prof. Rong Wang

Dr. Xiaohui Lu

E-mail: rongwang@fudan.edu.cn

E-mail: luxiaohui@fudan.edu.cn

会议赞助咨询 For sponsors affairs

Prof. Xingnan Ye

Second Announcement of ISEH2018

E-mail: yexingnan@fudan.edu.cn

会议学术咨询 For academic queries

Prof. Jianmin Chen

E-mail: jmchen@fudan.edu.cn

复旦大学环境科学与工程系（代章）
上海市大气颗粒物污染防治重点实验室

附录 提交摘要模板

Template for the Abstract

**Response of marine productivity to anthropogenic deposition of
nitrogen, phosphorus and iron**

Firstname Lastname ^{a,*}, Firstname Lastname ^a

*^a Department of Environmental Science and Engineering, Fudan University, Shanghai
200433, China*

Abstract

Phytoplankton productivity in the oceans, amounting to 50 petagram of carbon per year, plays an important role in sustaining the habitability of Earth. The variability of phytoplankton is always attributed to climate-related factors. Impact of deposition of anthropogenic nutrients (DAN), in particular for nitrogen (N), iron (Fe) and phosphorus (P), on open-ocean biogeochemistry has been realized. However, due to a large variability in

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In addition, by controlling the climate-related factors, a positive signal in observed chlorophyll concentrations to increasing DAN can be successfully identified across 182,552 measurements, which can be captured in the model. It implies the change of DAN should be considered when modelling the carbon cycle in the Earth system.

Keywords: Nutrient deposition; Ocean productivity; Ocean biogeochemical model; Chlorophyll; Earth systemⁱ

* Corresponding author. Tel. +86 11111111111. Fax: +86 11111111111. E-mail address: xxx@fudan.edu.cn