

“中国环境科学学会极地环境与生态专业委员会”成立大会暨

第一届极地环境与生态国际研讨会

**Founding Ceremony of Specialized Committee for Polar Environment and
Ecosystem, Chinese Society for Environment Science (SCPEE-CSES)**

&

First International Symposium for Polar Environment and Ecosystem (ISPEE-2018)



Harbin, China

October 20-22, 2018

主办单位

中国环境科学学会极地环境与生态专业委员会

Specialized Committee for Polar Environment and Ecosystem, Chinese Society for Environmental Sciences (SCPEE-CSES), China

哈尔滨工业大学 环境学院

School of Environment, Harbin Institute of Technology (HIT), China

承办单位

北极环境与生态国际联合研究中心

International Joint Research Center for Arctic Environment and Ecosystem (IJRC-AEE)

城市水资源与水环境国家重点实验室

State Key Laboratory of Urban Water Resource and Environment (SKLUWRE)

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会议通知

北极正经历着前所未有的海洋和陆地冰冻、冻土和生态系统的变化。在气候变化、工业化和现代化的压力下，北极因其日益增长的战略、经济价值以及其与科学研究、环境保护、海洋航道和自然资源有关问题的相关性，其研究具有全球意义。为了理解、保护和发展北极，中国环境科学学会理事会在2018年9月4日批准成立“极地环境与生态专业委员会”，支持单位为哈尔滨工业大学，主任委员为哈尔滨工业大学副校长任南琪院士。“极地环境与生态专业委员会”的成立大会将于2018年10月20日在哈尔滨工业大学举行。“首届极地环境与生态国际研讨会（ISPEE-2018）”将于2018年10月21-22日举行。ISPEE-2018将汇集来自国际和中国北极组织、大学和科研机构的北极管理人员、研究人员和研究生，在会议期间，我们将汇聚一堂，讨论由气候变化和北极周边现代化所带来的全新的全球挑战和机遇。

哈尔滨工业大学期待您的光临！

INTRODUCTION

The Arctic is experiencing unprecedented change of its sea and terrestrial ice, permafrost and ecosystems. Under the pressures of climate change, industrialization and modernization, the Arctic is gaining global significance for its rising strategic, economic values and those relating to scientific research, environmental protection, sea passages, and natural resources. In order to understand, protect, and develop the Arctic, the establishment of the Specialized Committee for Polar Environment and Ecosystem, under the Chinese Society for Environment Science (SCPEE-CSES), was approved by the Council of the Chinese Society for Environment Science on September 4th, 2018. The main body of the SCPEE-CSES is Harbin Institute of Technology, and its Chairman is Dr. REN Nanqi, Member of the Chinese Academy of Engineering and Vice President of HIT. A Founding Ceremony will be organized on October 20th, 2018, after which, the First International Symposium for Polar Environment and Ecosystem (ISPEE-2018) will be held on October 21-22, 2018. ISPEE-2018 will bring together leading Arctic researchers, graduate students, and administrators from international Arctic organizations. During the meeting, the world's foremost Arctic scientists will discuss the emerging global challenges and opportunities arising from climate change and modernization in the circum-Arctic.

Looking forward to welcoming you to Harbin Institute of Technology!

一、主要议题

Topics include, but are not limited to

- 北极监测和评估项目（AMAP）的历史作用和未来任务
(Historical role and future missions of AMAP)
- 北极新兴化学品的关注、识别、监测和评估
(Emerging chemicals in Arctic: concern, identification, monitoring, assessment)
- 进入北极地区的持久性有机污染物长距离传输
(Long-range transport of POPs to Arctic)
- 北极和寒冷地区环境污染与健康
(Environment and Health in Arctic and cold north)
- 极地地区的气候变化及其未来影响
(Climatic change in the Polar Regions and its future implications)

二、摘要提交要求

SUBMISSION OF ABSTRACT

本次会议报告包括大会主旨报告和口头报告。

摘要格式详见附件，请在2018年10月15日之前以Word格式通过电子邮件提交。摘要投稿邮箱：ijrc_pts_paper@yahoo.com

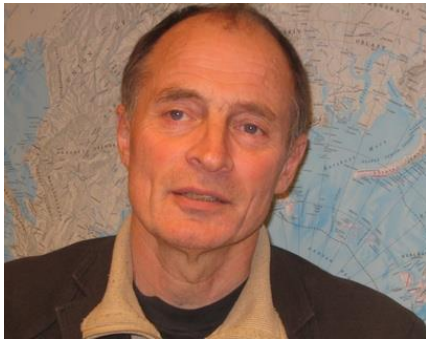
This symposium will consist of keynote and invited speeches and oral presentations.

One full A4 page of abstract including author's names, their affiliations and the abstract should be submitted in Word format before October 15, 2018 by E-mails to: ijrc_pts_paper@yahoo.com

三、大会主旨报告

KEYNOTE SPEECHES

1) The establishment of Arctic governmental and scientific cooperation from the period of Cold war until today



Lars-Otto Reiersen served as the Executive Secretary for Arctic Monitoring and Assessment Programme (AMAP) in 1992-2017, and has been Senior Advisor to the Rector of the University of Tromsø, the Arctic University of Norway, with Arctic science and international cooperation as priority work since 2017. In 1989-1991, Lars-Otto was a member of the Norwegian delegation to prepare the Arctic Environmental Protection Strategy (AEPS), signed by Arctic ministers in 1991 and in 1996 reorganized as the Arctic Council. He has participated in work for several national and international organizations, e.g. UNEP, EU-EEA, EU-DG Research and US-NSF, and received the “SETAC/Rachel Carson award” from the Society of Environmental Toxicology and Chemistry in 2012.

2) Climatic change in the Arctic and its future implications



Rolf Rødven (PhD, MBA) is the Executive Secretary of the Arctic Monitoring and Assessment Program (AMAP). AMAP is organized as a working group for the Arctic Council, monitoring and assessing the status of the Arctic region with respect to pollution and climate change issues. Rødven did his PhD in the Northern Populations and Ecosystems program at UiT – the Arctic university of Norway. He is the author on several scientific papers on Arctic ecology, ranging from seaweed and agriculture to seals, moose and reindeer, often related to climatic change. His previous positions include research director at the Norwegian Institute of Agricultural and Environmental research, at the Norwegian Institute of Bioeconomic research, as section leader at UiT – the Arctic University of Norway as well as positions in environmental management.

3) **The AMAP Assessment report on Chemicals of Emerging Arctic Concern: Implications for global chemical management, Derek Muir**



Derek Muir is a Senior Research Scientist with Environment & Climate Change Canada. He holds Adjunct Professorships at Jinan University in Guangzhou, at the University of Guelph, and the University of Toronto. He leads an environmental chemistry group that studies contaminants in freshwater, marine, and terrestrial environments. He has co-chaired the AMAP POPs Expert Group since 1994 and co-led AMAP's three Assessments on POPs, as well as the most recent one on Chemicals of Emerging Arctic Concern. He is a SETAC Fellow, and a Fellow of Canada's national Academy of Science, and author or co-author of about 650 peer reviewed articles. He is ranked among the top 1% most cited scientists in the field of Environmental Science/Ecology.

4) **The pathways for POPs to enter the Arctic through long-range transport**



Yi-Fan Li is a professor of the School of Environment, Harbin Institute of Technology, China, and the Chief Scientist of the International Joint Research Center for Persistent Toxic Pollutants (IJRC-PTS) and the International Joint Research Center for Arctic Environment and Ecosystem (IJRC-AEE). Before 2013, he was a Senior Research Scientist in Environment Canada. He has authored/co-authored more than 200 peer-reviewed papers and 5 Canadian National Reports, and has been one of the Most Cited Chinese Researchers for the past three years by Elsevier. He served as Director of Database for Population and Cropland, Global Emissions Inventory Activities (GEIA) (1998-2005), and the Committee member, POPs and Heavy Metals Program, GEIA (1998-2005).

四、重要日期

- 2018年09月25日 会议通知
- 2018年10月15日 摘要提交截止
- 2018年10月19日 现场注册
- 2018年10月20日 中国环境科学学会极地环境与生态专业委员会成立大会
- 2018年10月21-22日 第一届极地环境与生态国际研讨会

五、会议语言

本次会议语言为英语。

六、注册

本次会议免收注册费，交通费和住宿费自理。**注册地点：**哈尔滨工业大学二区哈宜楼（城市水资源与水环境国家重点实验室）一楼，哈尔滨市黄河路73号。

七、会议场地

城市水资源与水环境国家重点实验室，哈尔滨工业大学，哈尔滨市黄河路73号。

八、宾馆信息

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We look forward to welcoming you to the symposium and we wish you an amazing stay in Harbin.