



## ISEH 2020 & ICEPH 2020

The 5<sup>th</sup> International Symposium on Environment and Health  
The 6<sup>th</sup> International Conference on Environmental Pollution  
and Health

Environment, Health, GIS and Agriculture in the Big Data Era  
Galway, Ireland, August 2–8, 2020  
[www.nuigalway.ie/iseh2020](http://www.nuigalway.ie/iseh2020)

# ICEPH

### ISEH 2020 & ICEPH 2020: Call for Session Proposals

ISEH 2020 (The 5th International Symposium on Environment and Health) & ICEPH 2020 (The 6th International Conference on Environmental Pollution and Health) will be jointly held in Galway, Ireland during August 2–8, 2020 ([www.nuigalway.ie/iseh2020](http://www.nuigalway.ie/iseh2020))

If you are interested in organizing a session in ISEH 2020 & ICEPH 202, please prepare the following information:

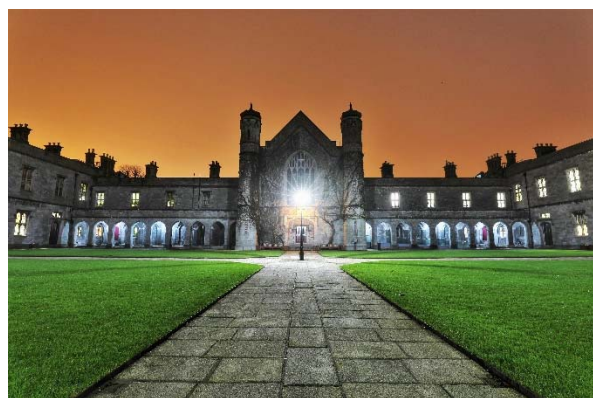
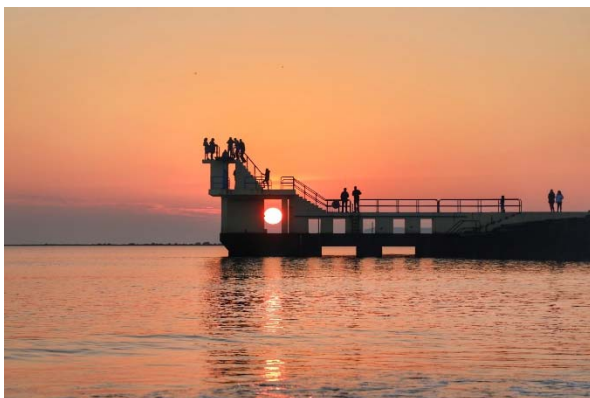
- 1) Session name (with a few words only);
- 2) Session convenor name(s), affiliation(s), email address;
- 3) Short description of the session (one or two sentences only, with a few keywords you would like to include in this session.) (Keep the information as short as possible!)

Send your session proposal to: Dr. Chaosheng Zhang, ISEH 2020 & ICEPH 2020 Chair, E-mail: [Chaosheng.Zhang@nuigalway.ie](mailto:Chaosheng.Zhang@nuigalway.ie)

**Deadline: September 30, 2019**

*Sample session information:*

Session:	Machine Learning in Environment and Health
Convenor:	Dr. Chaosheng Zhang, National University of Ireland, Galway, Email: <a href="mailto:Chaosheng.Zhang@nuigalway.ie">Chaosheng.Zhang@nuigalway.ie</a> .
Description:	With increasing data available in Environment and Health, machine learning is playing an increasingly important role in revealing the complicated relationships between Environment and Health. This session covers topics of big data, artificial intelligence, GIS and their applications in Environment and Health.



Administration Enquiries: Go West Conference & Event Management Ltd., Furbo Hill, Furbo, County Galway, Postal Code: H91 V30F, Ireland.

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### ISEH 2020 & ICEPH 2020: Guidelines for Session Convenors

Benefits of becoming a session convener of ISEH 2020 & ICEPH 2020:

- You will become a member of ISEH 2020 & ICEPH 2020 Steering Committee.
- You will be appointed as a session chair of the session you convene.
- You can invite a co-convenor for your session and the co-convenor will become a member of ISEH 2020 & ICEPH 2020 Steering Committee.
- You have the right to appoint “Invited Speakers” for the session you convene, and write invitation letters as a session convener.

Procedure to convene a session:

1. Contact Chair of the Joint Conference to discuss your session proposal. The information should include:
  - Session name (with a few words only);
  - Session convener name(s), affiliation(s), email address(es);
  - Short description of the session
2. When your session proposal is approved, you become a member of ISEH 2020 & ICEPH 2020 Steering Committee
3. Go ahead to invite your colleagues to prepare abstracts for your session.
4. Ask all those who have agreed to submit an abstract for your session (including yourself) to submit their abstracts via the online system and tick “Organized Sessions” (The online abstract submission system opens on December 1, 2019).
5. Ask all those who have submitted an abstract for your session (including yourself) to register to ISEH 2020 & ICEPH 2020 via the online registration system and pay the registration fees (The online registration system opens on March 15, 2020).
6. Chair your session at ISEH 2020 & ICEPH 2020 (August 2-8, 2020).

Notice:

- A session normally contains 5 oral presentations and unlimited number of posters.
- If you cannot get 5 oral presentations, other suitable presentations will be included in your session. In this case, you may still be appointed as the session chair, unless your session has to be combined with others or you are unable to attend the conference due to unforeseeable reasons.
- If you get more than 5 oral presentations, you can have more than one session timeslot.

**Deadline for session proposals: September 30, 2019**



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### Conference Background

***Theme: Environment, Health, GIS and Agriculture in the Big Data Era.***

The two conference series of ISEH (International Symposium on Environment and Health) and ICEPH (International Conference on Environmental Pollution and Health) provide internationally leading platforms for interaction between scientists, consultants, and public servants engaged in the multi-disciplinary areas of environment and health. With the fast economic development, the importance of environment and health is widely recognized in the world. There is a growing demand for international experts to work together on this topic of common interest. Meanwhile, in the big data era, we are facing new challenges and opportunities. This conference provides a timely opportunity for a direct communication between international experts, and helps to foster and develop international collaborations.

ISEH conference history (Once every two years):

- 1<sup>st</sup> ISEH conference: SESEH (Sino-European Symposium on Environment and Health) 2012, Galway. <http://www.nuigalway.ie/seseh2012>
- 2<sup>nd</sup> ISEH conference: ISEH 2014, Beijing
- 3<sup>rd</sup> ISEH conference: ISEH 2016, Galway <http://www.nuigalway.ie/iseh2016>
- 4<sup>th</sup> ISEH conference: ISEH 2018, Shanghai

ICEPH conference history (Annual conference, <http://www.environhealth.cn>):

- 1<sup>st</sup> ICEPH conference: ICEPH 2015, Guangzhou
- 2<sup>nd</sup> ICEPH conference: ICEPH 2016, Guangzhou
- 3<sup>rd</sup> ICEPH conference: ICEPH 2017, Guangzhou
- 4<sup>th</sup> ICEPH conference: ICEPH 2018, Tianjin
- 5<sup>th</sup> ICEPH conference: ICEPH 2019, Harbin

ISEH 2020, the 5<sup>th</sup> International Symposium on Environment and Health, and ICEPH 2020, the 6<sup>th</sup> International Conference on Environmental Pollution and Health will be jointly held at National University of Ireland, Galway, Ireland during Aug. 2-8. 2020 ([www.nuigalway.ie/iseh2020](http://www.nuigalway.ie/iseh2020)).

Galway is recognized as “2020 European Capital of Culture”. Located in the west of Ireland, Galway is one of the most popular tourist destinations in Europe and attracts more than 1 million international tourists annually. It is easily accessible, with frequent train connections with Dublin and frequent direct bus connections with Dublin Airport and Shannon Airport.

The conference venue is the campus of National University of Ireland, Galway, within walking distance of Galway’s city centre.



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# ICEPH

### ISEH 2020 & ICEPH 2020: Conference Committees

**Honorary Chair:**

Shu Tao Peking University

**Chair:**

Chaosheng Zhang National University of Ireland, Galway

**Co-Chairs (ISEH 2020):**

Taicheng An Guangdong University of Technology (Environment)  
Guoyou Zhang The Geographical Society of China (Geography)  
Cathal O'Donoghue National University of Ireland, Galway (Agriculture)  
Aihua Zhang Guizhou Medical University (Health)

**Co-Chairs (ICEPH 2020):**

Eddy Zeng Jinan University  
Daniel Schlenk University of California, Riverside

**Academic Secretary:**

Shiming Ding Nanjing Institute of Geography and Limnology, CAS

**Organizers:**

National University of Ireland, Galway  
Jinan University  
The Geographical Society of China

**Co-Organisers (to be updated):**

*(In alphabetic order)*

Guangdong University of Technology  
Guizhou Medical University  
Harbin Institute of Technology  
Henan University  
Institute of Urban Environment, CAS  
Nanjing Agricultural University  
Nanjing Institute of Geography and Limnology, CAS  
Nankai University  
Peking University

**Steering Committee (to be updated):**

*(In alphabetic order)*

Surname	First Name	Affiliation
Alvarez	Pedro	Rice University
An	Taicheng	Guangdong University of Technology
Ayotte	Joseph D.	U.S. Geological Survey
Bhattacharya	Prosun	KTH Royal Institute of Technology
Bolan	Nanthi	The University of Newcastle
Brooks	Bryan	Baylor University

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Cave	Mark	British Geological Survey
Chen	Jianmin	Fudan University
Cheng	Zhifan	Henan University
Cox	Siobhan	Queens University Belfast
Dai	Minhan	Xiamen University
de Caritat	Patrice	Geoscience Australia
Demetriades	Alecos	Institute of Geology and Mineral Exploration, Athens
Deng	Furong	Peking University
Ding	Shiming	Nanjing Institute of Geography and Limnology, CAS
Feng	Xinbin	Institute of Geochemistry, CAS
Feng	Yu-Jie	Harbin Institute of Technology
Fu	Bojie	Beijing Normal University
Fu	Shenglei	Henan University
Gan	Jay	University of California, Riverside
Giménez-Forcaca	Elena	IGME - Instituto Geológico y Minero de España
Guell	Cornelia	University of Exeter
Huo	Xia	Jinan University
Hursthouse	Andrew	University of the West of Scotland
Joshi	Lokesh	National University of Ireland, Galway
Kan	Haidong	Fudan University
Karl	Susan	U.S. Geological Survey
Knights	Kate	Geological Survey of Ireland
Li	Xia	East China Normal University
Li	Xiangdong	The Hong Kong University of Science and Technology
Li	Xuhui	Henan University
Liang	Tao	Institute of Geographical Sciences and Natural Resources Research, CAS
Liu	Guo	Chengdu University of Technology
Liu	Juan	Guangzhou University
Liu	Min	East China Normal University
Luo	Yongming	Institute of Soil Science, CAS
Ma	Jianmin	Peking University
Ma	Jun	Harbin Institute of Technology
McKinley	Jennifer	Queens University Belfast
Morrison	Liam	National University of Ireland, Galway
Mouri	Hassina	University of Johannesburg
Muir	Derek	Environment & Climate Change Canada
Mulcahy	Maurice	Health Service Executive West, Galway
Négrel	Philippe	French Geological Survey
O'Donoghue	Cathal	National University of Ireland, Galway
Ok	Yong Sik	Korea University
Ovadnevaite	Jurgita	National University of Ireland Galway
Pan	Bo	Kunming University of Science and Technology
Patinha	Carla	University of Aveiro
Potito	Aaron	National University of Ireland, Galway
Rinklebe	Jörg	University of Wuppertal
Ryan	Mary	Teagasc, Rural Economy & Development Centre
Schlenk	Daniel	University of California, Riverside
Shi	Xun	Dartmouth College
Silva	Eduardo Ferreira da	University of Aveiro
Sun	Hongwen	Nankai University

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Tack	Filip	Ghent University
Tang	Ya	Sichuan University
Tao	Shu	Peking University
Torrance	Keith	University of Strathclyde
Tsang	Daniel C.W.	The Hong Kong Polytechnic University
Volfson	Iosif	Russian Geological Society
Wang	Bing	Peking University
Wang	Chengshan	China University of Geosciences
Wang	Hailong	Foshan University
Wang	Jinfeng	Institute of Geographic Sciences and Natural Resources Research, CAS
Wang	Xiaoping	Institute of Tibetan Plateau Research, CAS
Wang	Xueqiu	UNESCO International Center on Global-scale Geochemistry
Wang	Yanxin	China University of Geosciences
Wang	Yonghua	Chengdu Center of China Geological Survey
Wong	Ming-Hung	The Education University of Hong Kong
Xia	Xinghui	Beijing Normal University
Xing	Baoshan	University of Massachusetts
Xu	Zhihong	Griffith University
Yan	Bing	Guangzhou University
Yang	Linsheng	Institute of Geographic Sciences and Natural Resources Research, CAS
Yuan	Zengwei	Nanjing University
Zeng	Eddy Y.	Jinan University
Zhang	Aihua	Guizhou Medical University
Zhang	Gan	Guangzhou Institute of Geochemistry, CAS
Zhang	Guoyou	The Geographical Society of China
Zhang	Weihong	University of Ghent
Zhang	Zulin	The James Hutton Institute
Zhao	Fang-jie	Nanjing Agricultural University
Zheng	Yan	Southern University of Science and Technology
Zhou	Chenghu	Institute of Geographic and Natural Resources Research, CAS
Zhu	Dongqiang	Peking University
Zhu	Lingyan	Nankai University
Zhu	Yongguan	Institute of Urban Environment, CAS

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## ISEH 2020 & ICEPH 2020: Themes and Topics

### Themes

- Agriculture: Food quality, Precision agriculture, nutrient management, agricultural soil quality, in-field variation
- Air Pollution and Human Health
- Big data, GIS and quantitative methods in environment and population health
- Climate change and population health
- Emerging pollutants in the environment
- Environmental health and public health
- Human exposure and mechanism
- Links between environment and health, environment and genetic interaction
- Medical geology and endemic diseases
- New technologies: monitoring technologies, analytical technologies, soil remediation, waste water treatment, air pollution control
- Pollutants: metals and metalloids; persistent organic pollutants and pesticides
- Social impact assessment, economics and policies
- Soil quality and risk assessment
- Water quality and human health

### Topics

- + (Organized sessions)
  - Agriculture
  - Air pollution and health
  - Arsenic
  - Big data and data analytics
  - Bioavailability and bioaccessibility
  - Biochar
  - Cancer and environment
  - Clays, coal and health
  - Climate change and population health
  - Contaminated land
  - Disaster management
  - Ecological systems
  - Environmental geochemistry
  - Environmental health
  - Environmental management
  - Environmental monitoring
  - Food quality
  - GIS and quantitative methods
  - Health GIS
  - Heavy metals
  - Indoor air quality
  - Medical geology

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- Microbiology
- Microplastics
- Nanoparticles
- New emerging pollutants
- Pharmaceuticals
- POPs
- Risk assessment
- Sediments
- Sensors and technologies
- Soil pollution and threats
- Urban environment
- Water quality



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### Important Dates

Date	Item
September 30, 2019	Deadline for Session Proposals
December 1, 2019	Abstract submission opens
March 1, 2020	Deadline for abstract submission
March 15, 2020	Registration opens; Decision on abstracts notified to authors
May 15, 2020	Deadline for early registration
June 08, 2020	Unregistered abstracts to be removed Conference programme finalized
June 22, 2020	Conference accommodation room block ends
July 15, 2020	Online registration closes
August 2-8, 2020	Conference and fieldtrips (Aug. 2, Reception; Aug. 3-5, Conference; Aug. 6-8, Fieldtrips)

Field trips: Cliffs of Moher, Giant's Causeway



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