

# EARTH 2019

## THE 15<sup>th</sup> INTERNATIONAL SYMPOSIUM ON EAST ASIAN RESOURCES RECYCLING TECHNOLOGY

October 13 - 17, 2019

Alpensia Resort Convention Center, Pyeongchang, Gangwon-do, Korea



[www.earth2019.com](http://www.earth2019.com)

**※ Notice : The abstract submission deadline has been postponed to June 30th.**

### Welcome to EARTH 2019 in Gangwon-do

#### Greetings from Korea!

We are pleased to announce that the 15th International Symposium on East Asian Resources Recycling Technology (EARTH 2019) will be held on October 13–17, 2019 at Alpensia Resort, Pyeongchang, Gangwondo. This resort was one of the sites chosen to host the 2018 Pyeongchang Winter Olympic Games in February 2018, and we believe this location is particularly meaningful because the 2018 Pyeongchang Winter Olympics notably acted as a cornerstone for the ongoing peace and reunification process in the Korean Peninsula. The Symposium will gather together professionals and academics to exchange knowledge and experience, present the results of their scientific research, and discuss new innovations in the recycling industry.

The EARTH symposium series is being organized by the leading universities and industries in Korea, Japan, Taiwan, China, and Thailand. Held every two years, the success of the previous 14 EARTH symposia has been one of the main driving forces of the promotion of scientific and technical knowledge about recycling worldwide. We therefore believe that this symposium is currently the world's most prestigious event in the recycling field.

The 15th EARTH Symposium will offer all participants knowledge of the latest advances in waste recycling and management, including separating valuable materials from waste, waste treatment and minimization, recovering energy from waste, wastewater treatment, environmental impact assessment, metals recycling, environmental law and regulation, and other important topics related to resources and materials recycling. We believe this symposium will encourage co-operation between the industrialists and academics into green technologies for resources and materials recycling throughout East Asia.

**Chairman, Ji-Whan AHN**  
International Organizing Committee of EARTH 2019

### Conference Venue

Alpensia Resort, Pyeongchang, Gangwon-do, KOREA

\* <https://www.alpensia.com>

### Topics

1. Resources Processing (Comminution/Separation)
2. Hydrometallurgy  
(Leaching/Purification Separation/Electrowinning)
3. Pyrometallurgy (Thermal pretreatment/Smelting)
4. Organic-inorganic material processing  
(High-purity/powder/alloy)
5. Mine waste  
(Hazardous matter removal/Recovery of valuables)
6. Recycling policy
7. Others

## Schedule

13 <sup>th</sup> October, 2019	Welcome Party
14 <sup>th</sup> October, 2019	Opening, Plenary Lecture and General Presentation
15 <sup>th</sup> October, 2019	General Presentation and Farewell Banquet
16-17 <sup>th</sup> October, 2019	Technical Tours

## Important Schedule of Conference

1 <sup>st</sup> Circular	30 <sup>th</sup> January, 2019
2 <sup>nd</sup> Circular	15 <sup>th</sup> April, 2019
Abstract Submission	15 <sup>th</sup> April - 30 <sup>th</sup> June, 2019
Pre-Registration and Proceeding Submission	1 <sup>st</sup> July - 31 <sup>th</sup> August, 2019

## Registration fee and coverage

Category	Aug. 31	Registration on-site	Dinner
EARTH Members	₩450,000 / \$450	₩500,000 / \$500	₩50,000 / \$50
Student	₩200,000 / \$200	₩250,000 / \$250	₩50,000 / \$50
Companion	₩150,000 / \$150		₩50,000 / \$50

\* The registration fee covers the following : Abstracts + Proceedings USB + Snacks (Coffee break) + Welcome party

\* Registration fee is paid in US dollars in English website.

If you want to pay in Korean Won, please register on Korean website.

## Abstract Submission Guideline

The Organizing Committee of the Korean Institute of Resources Recycling invites all interested individuals to submit abstracts for oral, poster presentations. Contributed abstracts will be grouped according to the symposium topics. Every attempt will be made to accommodate presentation subject preference; however, the Scientific Committee reserves the right to make final decisions in this regard. Abstract submission must be done through the symposium official website <http://www.earth2019.com>. In case of genuine difficulties, please contact the Secretariat. ([earth2019kr@gmail.com](mailto:earth2019kr@gmail.com)). If you wish to pay the registration fee in Korean Won, please register your abstract at the Korean website.

## Technical Tour

One Day	Course 1 : Kangwon area (Goseong DMZ museum, Power plant, Gyeongpo beach, end at Gangneung KTX station)
Two Days	Course 2 : Seoul area (Insun Motors, Incheon chemical, Gyeongbokgung palace DMZ, end at Seoul KTX station)
	Course 3 : Pohang & Busan (POSCO, Posco Mtech, Haedong Yonggung temple, Centum city department, end at Busan KTX station or Gimhae Airport)

\* The above schedule could be changed. Please refer to the website for detailed programs and expenses. It will be announced in the middle of May.

## Day tour for companions

14 Oct., Pyeongchang	Alpensia Ski Jump Observatory, Woljeongsa Temple, Leehyoseok Cultural Center
15 Oct., Gangneung	Charmsori Gramophone & Edison Science Museum, Seongyojang, Anmok Beach Coffee street

## Organizer

The Korean Institute of Resources Recycling

## Co-organizers

- The Formosa Association of Resources Recycling
- Chulalongkorn University of Thailand
- The Non-ferrous Metals Society of China
- The Mining & Materials Processing Institute of Japan

## International Organizing Committee

Chairman	Ji-Whan AHN	Korea Institute of Geoscience and Mineral Resources
Committee Members	Juu-En CHANG	National Cheng Kung University
	Liyuan CHAI	Central South University
	Wiwattanadate DAWAN	Chulalongkorn University
	Naoki HIROYOSI	Hokkaido University
Honorary Members	Jae-Hyun OH	Yonsei University
	Min-Shing TSAI	The Formosa Association of Resources Recycling
	Chuanfu ZHANG	Central South University

## National Organizing Committee

Chairman	Ji-Whan AHN	Korea Institute of Geoscience and Mineral Resources
Steering Chairman	Man-Seung LEE	Mokpo National University
Chief Editor	Jaeryeong LEE	Kangwon National University
Secretary General	Jeongyun KIM	Korea Institute of Geoscience and Mineral Resources
	Ji-Won MIN	The Korean Institute of Resources Recycling

## Contact Us

Secretariat of EARTH2019

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