



## PROGRAM

Date	Students	Mentors& Observers
DAY 1		
Aug.26 MON	Arrival, Registration & Welcome Dinner	
DAY 2		
Aug.27 TUE	Opening Ceremony & Welcome Luncheon	
	Cultural Excursion	1st Jury Meeting (Written Test Review)
DAY 3		
Aug.28 WED	Geological Excursion	1st Jury Meeting (Translation)
	Written Test Orientation	2nd Jury Meeting (Practical Test Review)
DAY 4		
Aug.29 THU	Written Test	2nd Jury Meeting (Translation)
	Practical Test Orientation	Cultural Excursion
DAY 5		
Aug.30 FRI	Practical Test	Geological Excursion
	ITFI Orientation	
DAY 6		
Aug.31 SAT	International Team Field Investigation (ITFI)	
	Preparation for ITFI & ESP	3rd Jury Meeting
DAY 7		
Sep.1 SUN	Team Presentation for ITFI (Oral) & ESP (Poster) Presentation	4th Jury Meeting
	Daegu Science Festival	
DAY 8		
Sep.2 MON	Closing Ceremony & Farewell Luncheon	
	Daegu City Tour	
DAY 9		
Sep.3 TUE	Departure	



## PARTICIPATING TEAM

 Australia	 Austria	 Bangladesh	 Belarus	 Brazil	 Cambodia
 China	 Chinese Taipei	 Czechia	 Estonia	 Finland	 France
 Germany	 Haiti	 India	 Indonesia	 Israel	 Italy
 Japan	 Kazakhstan	 Kuwait	 Lithuania	 Macau, SAR, PRC	 Macedonia
 Malawi	 Malaysia	 Myanmar	 Nepal	 Norway	 Pakistan
 Philippines	 Portugal	 Romania	 Russia	 Spain	 Sri Lanka
 Tajikistan	 Thailand	 Turkey	 Ukraine	 United Arab Emirates	 United States of America
 Republic of Korea					

### IESO 2019 Secretariat

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IESO 2019  
Daegu, Republic of Korea  
Passion for Earth Science... Continued.



HOSTS  The Korean Earth Science Society  International Earth Science Olympiad ORGANIZER IESO 2019 Organizing Committee

SPONSORS  Ministry of Science and ICT  KOTAC  KOTAC  KOTAC  KOTAC  KOTAC  KOTAC  KOTAC  KOTAC





## WELCOME MESSAGE

Where is the birthplace of the IESO?

The first IESO was held in Daegu on 2007. It is a great honor to host the IESO again.

Daegu is the fourth largest city in Korea and located in southeastern Korea about 300km from our capital Seoul. The city is a vital traffic hub in the region, connected with seven major national highways and three railroads, including the high-speed trains: KTX and SRT. Additionally, air routes connect Daegu(TAE) with Incheon/Seoul International Airport(ICN), Jeju and other cities in Asia.

Daegu has a subtropical climate in August and September with average temperature varying from 21 to 27 °C. As a basin surrounded by beautiful Palgongsan and Biseulsan mountains, the city has a lot of geological and historical attractions. Also, four UNESCO designated World Heritage sites are located near Daegu, the roots of Korean culture.

The Organizing Committee of the 13th International Earth Science Olympiad would like to extend a warm welcome to all delegates to the 13th IESO in 2019. The slogan, "Passion for Earth Science... Continued.", embodies the IESO's visions to encourage young students to create and share their passion and experiences about Earth Science in Korea. The continued passion for Earth Science can contribute to solving the global challenges we are facing such as climate change, water availability, energy resources, and so on.

We would expect that you will experience the spiritual excitement of the IESO while enjoying the warm hospitality of Koreans and sharing a passion for Earth Science.

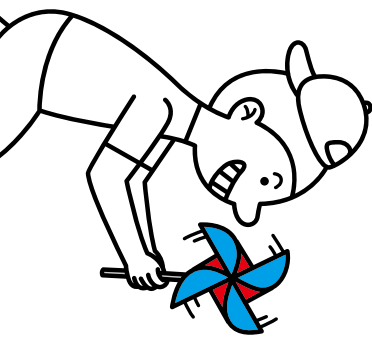
We look forward to your attendance and to the pleasure of welcoming you to the IESO 2019 in Daegu, Korea.

**Prof. Jae-Bok Kyung**

**President** of the Korea Earth Science Education Society

**Prof. Chang-Jong Kim**

**Chairperson** of 13th International Earth Science Olympiad  
Organizing Committee



Passion for Earth Science... Continued.



## OVERVIEW

<b>TITLE</b>	The 13th International Earth Science Olympiad (IESO 2019)		
<b>PERIOD</b>	Period- August 26 – September 3, 2019		
<b>VENUE</b>	Daegu, Gyeongsangbuk-do(gyeongju,cheongsong), Gyeongsangnam-do Korea etc		
<b>THEME</b>	Passion for Earth Science... Continued.		
<b>HOSTS</b>	The Korean Earth Science Society / International Earth Science Olympiad		
<b>ORGANIZER</b>	IESO 2019 Organizing Committee		
<b>SPONSORS</b>	Ministry of Science and ICT, Korea Foundation for Advancement of Science & Creativity , The Korea Lottery Commission, Korea Tourism Organization, Daegu Metropolitan City, Daegu City Dalseonggun, Daegu Convention & Visitors Bureau, Daegu National Science Museum, Daegu Gyeongbuk Institute of Science & Technology , Cheongsong- gun		
<b>PARTICIPANTS</b>	Under 18 high school 4 students and mentors& observers per nation (maximum number of participants are 15 people per nation)		
<b>MAIN PROGRAMS</b>	Culture tour , Geological tourism , City tour, Dinner&Performance		
<b>MATCH CONTENTS</b>	<ul style="list-style-type: none"><li>• Match Contents</li><li>• International Team Field Investigation(ITFI) oral presentation</li><li>• Practical test</li><li>• Earth System Project (ESP) poster</li></ul>		



## IESOs

YEAR	ORDER	COUNTRY	THEME
2007	1st	Republic of Korea	Earth for Life, Universe for future Life
2008	2nd	The Philippines	Cooperation in Addressing Climate Changes
2009	3rd	Taiwan	Human and Environment
2010	4th	Indonesia	The Present is the Key to the Future
2011	5st	Italy	Earth Science Renaissance: Science, Environment and Art
2012	6th	Argentina	Energy, water and minerals for sustainable development
2013	7th	India	The Earth is but one family
2014	8th	Spain	Sea and Mountains
2015	9th	Brazil	Soil
2016	10th	Japan	Our Future: Earth & Space
2017	11th	France	Standing on the Earth, gazing at the Planets
2018	12th	Thailand	Earth Science for All
2019	13th	Republic of Korea	Passion for Earth Science... Continued.



## MAIN EVENT PLACE & CEREMONY

### MAIN VENUE



#### EXCO

**a** Exco-ro Buk-gu Daegu  
**h** www.exco.co.kr  
**t** 053-601-5000



#### Daegu National Science Museum (DNSM)

**a** 20 Techno-daero 6-gil Yuga-eup Dalseongun Daegu  
**h** www.dnsm.or.kr  
**t** 053-670-6114



#### Daegu Gyeongbuk Institute of Science & Technology (DGIST)

**a** 333 Techno jungang-daero Hyeonpung-eup Dalseong-gun Daegu  
**h** www.dgist.ac.kr  
**t** 053-785-0114

### TOUR PROGRAM



#### Gyeongju national park,

Korean ancient kingdom's banquet hall, offers Korea's ancient historic park in cultural heritage and Buddhist culture. It is harmonized with the surrounding nature. In 1979, UNESCO listed Gyeongju as one of the 10 most important historic sites in the world. In addition this place is a must to see when foreigners arrive in Korea.



#### CHEONGSONG GEOPARK

Is a place where Korea's representative terrain and culture are harmonized. It was selected as a visit to this event. It is a well-preserved geological and fossil site such as Sparkling mineral water, dinosaur foot print, baekseoktan valley, Eoreumgol valley This place has geological and historical and cultural values. It was selected as UNESCO'S World Geopark in 2017. It will be meaningful place for students.

### SPECIAL PROGRAM

#### ① IESO 2019 The opening ceremony lecture

To celebrate and promote The 13th International Earth Science Olympiad(IESO 2019) in Daegu, national professors will provide special lectures about earth science at Daegu National Science Museum.

DATE / PLACE

August 25(SUN)  
Daegu National Science Museum

#### ② Daegu Science Festival

IESO 2019 to encourage young students to create and share their passion and attract creative minds and study and experience together it would be helpful to activate global exchange and enjoy various experiences

DATE / PLACE

August 31(SAT) ~ September 1(SUN), 2019  
EXCO Daegu(New hall 1, 2 hall)

#### ③ Special Lecture

It provides special time about mysterious earth science story. By inviting the main 3 of 13th International Earth Science Olympiad(IESO2019)'S Mentor and Observer.

DATE / PLACE

August 31(SAT) ~ September 1(SUN), 2019  
Daegu Science Festival venue