Asia-EC JRC Joint Conference 2017 on

"All That Soil Erosion the Global Task to Conserve Our Soil Resources"

December 4~7, 2017

JW Marriott Hotel, Seoul, Korea

Welcome Message from the Chair Organizers

You are cordially invited to attend "Asia-EC JRC Joint Conference 2017 on "All That Soil Erosion the Global Task to Conserve Our Soil Resources" which will be held at Marriott Hotel, Seoul, Korea during December 4**~7, 2017**.

Soil erosion is one of the major soil threats that can cause the land degradation and thus degrade the soil ecosystem integrity. Numerous researches have been conducted in difference places with different methodologies and technologies. Now it is time to blur the boundaries among regions and researchers on soil erosions. Fusion of research outcome from researchers will help our vision build the global soil erosion cloud.

The Asia-EC JRC joint conference will provide the firm platform for all stakeholders of the global polity, from the public and private sectors to academia and civil society to integrate all knowledge on the global soil erosion into the comprehensive module.

The Conference is organized by Research Center of Surface Soil Resource Inventory and Integration (SSORii) in Korea and EC Joint Research Center (JRC), with full supports by Soil Environment Center of the Korea Environmental Industry and Technology Institute (KEITI) and Ministry of Environment.

We look forward to having your valuable presentation and perspective based on research and policy in your expertise on soil erosion, land degradation and conservation. See you all in December in Seoul, Korea.

Jae E. Yang, Ph.D.
Conference Co-Chair
Director of SSORii
Past-President of IUSS
Chunchon, Korea

Panos Panagos, Ph.D.
Conference Co-Chair
European Commission
Joint Research Centre
Ispra, Italy

Pasquale Borrelli, Ph.D.
Conference Co-Chair
Environmental Geosciences
University of Basel
Basel, Switzerland

Web-site: http://ssorii.org/asiajrcconf2017/

Theme: "All That Soil Erosion the Global Task to Conserve Our Soil Resources".

Outline of Conference Programs

	December 4 (Monday)	December 5 (Tuesday)	December 6 (Wednesday)	December 7 (Thursday)
09:00-12:00	Arrival	World Soil Day Celebration Ceremony	Symposium II	Field and cultural tours in Seoul and vicinity
Lunch		Lunch	Lunch	
13:00-18:00		Symposium I	Symposium III	
18:00-21:00	Welcome reception	Dinner	Dinner	

▪ Schedules are subject to change depending on the various conditions

Theme of Three Symposia:

· Symposium I : Soil policy on soil erosion at the national level
· Symposium II : Soil erosion: Process, impact and interaction with environment and human
· Symposium III: Soil erosion: Assessment, modeling and management

Registration

· Fee: free (Organizers will serve participants lunch and dinner during the conference)
· Please send full name, addresses, e-mail address and contact phone number to register the conference to Dr. Kim, S.C. (sckim@cnu.ac.kr) by November 15, 2017

Abstract Submission

· Submit the abstract with ppt file to: sckim@cnu.ac.kr
· Deadline: November 17, Friday, 2017
· All papers will be made with oral presentations for 15 minutes for the general participants and 30 minutes for the plenary lectures
· Abstract templet:

Title (Times New Romans, 14 point, bold, centered)
Authors (Full names, Times New Romans, 12 point, centered)
Affiliations (Name of institutions with addresses; Times New Romans, 12 point, centered)
Correspond author: name and email address Times New Romans, 12 point, centered)

Main body of abstract within one page length (Times New Romans, 12 point)

Preferred symposium: Symposium I (   ), Symposium II (   ), Symposium III (   )

Accommodation

- JW Marriott Hotel Seoul: Conference headquarter (http://www.jw-marriott.co.kr/)
- Many others hotels and motels are available in the vicinity of the conference venue
- JW Marriott hotel locates at the center of the Kangnam District of Seoul (South of Han River), is directly connected to bus and subway stations and surrounded by department stores and shopping malls)

Venue and Meeting Room: JW Marriott Hotel, Seoul (http://www.jw-marriott.co.kr/)

- Dec. 5th: Grand Ballroom (5th Floor)
- Dec. 6th: Meeting Room 2 (3rd floor)

Invited Speakers

- **Dr. Panos Panagos: EC JRC**
- **Dr. Pasquale Borrelli, Univ. of Basel**
- **Dr. SANTIAGO BEGUERÍA PORTUGUÉS**
- **Dr. Jae Yang, Past President of IUSS**
- **Dr. Lim KJ, Kangwon National University, Korea**
- **Dr. Lee, GH, KNU, Korea**
- **Dr. Park, YS, GNU, Korea**
- **More from EU and Asia Countries**

General Information on the Conference and Seoul, Korea

Transportation from the Incheon International Airport to JW Marriott Hotel, Seoul

- Public Airport Limousine Bus: No. 6020 will run from Incheon International Airport (bus stop at the 1st arrival floor at 4B and 11A stop) to the Marriott Hotel and vice versa. Limousine bus will run at every 15 to 20 minutes. It will take about one hour from airport to hotel, depending on the traffic condition. Fee is less than US$15.

- Public Subway: Incheon International Airport → Gimpo Airport (Domestic airport) via Airport Train → Subway to the Express Bus Terminal Station via Subway Line No. 9 → Walk to Hotel (fee is less than US$5). It will take about 1 hour 20 minutes.

Visa: Most citizens are eligible to enter Korea without visa for the conference purposes. However, you are encouraged to visit the official Visa site http://www.visa.og.kr for your confirmation.

General Information on Korea and Seoul
http://english.visitkorea.or.kr/enu/index.kto

General Information on Incheon International Airport
http://www.airport.kr/eng/

General Inquiry or Help may direct to sckim@cnu.ac.kr or yangjay@kangwon.ac.kr

Background of SSORii.....

Over the last years, numerous researches on soil quality and erosion in Korea as of short/mid-term projects have been conducted. However, government decision makers have difficulties in integrating these research outputs into policies because of inherent limitations of individual researches and lack of research data inventories. Recently, Korean Ministry of Environment developed an initiative that regards the surface soil as invaluable natural resources, not one of dirt/pollutants, and put it into one of articles of the Korea Soil Environment Conservation Act.

The research center of **S**urface **So**il **R**esources **I**nventory and **I**ntegration (SSORii) has been established since March 2014 as a GAIA (Geo-Advanced Innovative Action) Project of the Soil Environment Center of KEITI (Korea Environmental Industry and Technology Institute). Aims of SSORii are to assess accurately the value of surface soil and quantity of soil erosion in various aspects on which to base the development of sustainable soil management strategies in the national scale.

SSORii will archive all aspects of research data, decision-making tools and policies on soil value and erosion, which can be crucial inventories for government policy makers, researchers and various stakeholders. SSORii research project consists of one core research team and three collaborative research teams.

To support the core team, three individual research teams will have goals for 1) development of soil erosion prediction model based on the long-term monitoring data in Korea to reflect various factors affecting soil erosion which are specific to Korean weather, crops, soil and management conditions; 2) development of soil erosion assessment techniques from mid/long-term perspectives with satellite image and GIS; and 3) development of environmental impact assessment technique integrating comprehensive soil characteristics.

Through the convergent researches of SSORii projects, it is expected that the appropriate ready-to-use action plans for integrated surface soil management policies and subsequent system would be constructed.