



2017

International Symposium on

Climate Change and Environmental Health in Vulnerable Populations

in the Asia Pacific Region

Date | 30 May – 31 May, 2017

Venue | International Hall in College of Medicine,
Seoul National University, Seoul, Korea



Gwangju Institute of
Science and Technology



WHO Collaborating Centre for
Vulnerable Population and
Environmental Health



National Institute of
Environmental Research

Welcome Address

Dear participants!

It is our great pleasure to announce an upcoming symposium that will be jointly organized by National Institute of Environmental Research (NIER), Korea and International Environmental Research Institute (IERI) at Gwangju Institute of Science and Technology (GIST), Korea.

Opening Address

Distinguished guests,

I am Jin-Won Park, President of the National Institute of Environmental Research, Republic of Korea.

It is a great pleasure to open 'International Symposium on Climate Change and Environmental Health in Vulnerable Populations in the Asia-Pacific Region', co-hosted by the WHO Collaborating Centre for Vulnerable Population and Environmental Health and Gwangju Institute of Science and Technology.

And, I express my warm welcome and gratitude to all the participants as well as environmental health experts from Asia-Pacific countries including Cambodia, Fiji, Lao PDR, Mongolia, Thailand and Vietnam.

Over the past 50 years, human activities, especially fossil fuel burning-based activities, have increased emission of carbon dioxide and greenhouse gases, accelerating global warming. Thus, sea levels are rising, glaciers are melting, and extreme weather events are becoming more frequent and severe than ever before.

The World Health Organization reported climate change was responsible for one hundred forty thousand-deaths in 2004, estimating that climate change will cause two hundred fifty thousand-additional deaths per year before the middle of the twenty first century.

As you well aware of, the Asia-Pacific region is one of the areas most confronted with environmental health issues. As home to nearly 60% of the world population, the region includes a number of Pacific island and low-income countries which are particularly vulnerable to environmental pollution. There have been increasing concerns over health impacts on vulnerable populations such as children and the elderly caused by exposure to diverse

2017

International Symposium on

Climate Change and Environmental Health in Vulnerable Populations in the Asia Pacific Region



environmental pollution including climate change, which thus calls for timely and concerted actions at the global levels.

Since designated as a WHO Collaborating Centre in 2014, NIER has actively supported WHO-led activities to address environmental health issues posed to vulnerable populations in the region, engaging in diverse international meetings and projects such as symposiums, forums and training workshops. In addition, we have continued to put great efforts in conducting research on environmental health effects on vulnerable populations including pregnant women, infants, children and the elderly.

Today, under the theme of 'Climate Change and Environmental Health in Vulnerable Populations', the Centre convened this symposium to share major environmental health issues that Asia-Pacific countries are facing with, especially climate change trends and its health impacts on vulnerable populations.

I expect this will accelerate to foster bilateral or multilateral cooperation to resolve relevant issues, serving as a great opportunity to further contribute to the establishment of relevant national policy and legislation

Once again, welcome to Korea and I wish you fruitful outcomes and wonderful memories during your stay.

Thank you.

30 May 2017

Jin-Won Park, Ph.D

President
National Institute of Environmental Research
Republic of Korea

Programme in brief

May 30th, 2017 (Tue)

09:30-10:00	Opening Ceremony
	Keynote Speech
10:00-12:00	(Dr. Rokho Kim, WHO / Prof. Yun-Chul Hong, SNU / Prof. Joon Ha Kim, GIST)
12:00-14:00	Lunch
14:00-15:40	Session 1 "Climate Change and Environmental Health"
15:40-16:00	Tea Break
16:00-18:05	Session 2 "Environmental Geochemistry and Health"
18:10-20:00	Banquet

May 31th, 2017 (Wed)

09:30-10:30	Breakfast
10:30-12:05	Session 3 "Climate Change"
12:10-14:00	Lunch
14:00-17:30	Field Trip in Seoul, Korea

Information

Symposium Chair and Secretaries

Professor **Kyoung-Woong Kim** | Ms **Hyeon Olivia Kim** | Ms **Suyeon Lee**

Tel: +82-(0)62-715-2442 & 3395 & 2450 | **Fax:** + 82-(0)62-715-2434

E-mail: kwkim@gist.ac.kr | olivia@gist.ac.kr | esn0410@gist.ac.kr

Day 1

May 30th, 2017 (Tue) | 09:30 a.m. - 08:00 p.m.

Opening Ceremony & Plenary: Joint NIER & IERI Session (Rm. B-101) Chair: Prof. Kyoung-Woong Kim, GIST	
09:30-10:00	Opening Ceremony
10:00-10:40	"TBC" (Dr. Rokho Kim, WHO Office in the South Pacific)
10:40-11:20	Climate change and health effects (Prof. Yun-Chul Hong, Seoul National University, Korea)
11:20-12:00	"TBC" (Prof. Joon Ha Kim, IERI, GIST)
12:00-14:00	Lunch
Session I. Climate Change & Environmental Health (Rm. B-101) Chair : Dr. Seungdo Yu, NIER	
14:00-14:25	Climate change and health impacts in Vietnam: Evidence and priorities for environmental health policy (Dr. Do Manh Cuong, Division of Environmental and Community Health Ministry of Health, Vietnam)
14:25-14:50	Biomass burning, smoke haze, and health impact among upper northern Thai population (Dr. Tippawan Prapamontol, Chiang Mai University, Thailand)
14:50-15:15	Relationship of Eco-labels to Climate Change and Environmental Health (Dr. Lunchakorn Prathumra, Deutsche Gesellschaft fuer Internationale Zusammenarbeit, Thailand)
15:15-15:40	Current and future heat stress in Cambodia: An important health hazard related to climate change (Dr. Kongkea Phan, International University, Cambodia)
15:40-16:05	Climate change and its health impact in Mongolia (Dr. Enkhjargal Altangerel, National Center for Public Health, Mongolia)
16:05-16:25	Tea Break
Session II. Environmental Geochemistry and Health (Rm. B-101) Chair : Dr. Daeseon Kim, NIER	
16:25-16:50	Uranium geochemistry and environmental health in Ulaanbaatar, Mongolia (Dr. Bolormaa Oyuntsetseg, National University of Mongolia, Mongolia)
16:50-17:15	Households' perception of arsenic-contaminated water and determinants of piped water connection in arsenic-contaminated areas in the Red river delta, Vietnam (Ms. Le Thai Ha, National Institute of Occupational and Environmental health, Vietnam)
17:15-17:40	"TBC" (Dr. Vimal Deo, Ministry of Health & Medical Services, Fiji)
17:40-18:05	Subsurface vulnerability assessment tools at regional and national levels for groundwater monitoring waiver program: A case study in Hawaii and the mainland United States (Dr. Seojin Ki, IERI, GIST)
18:10-20:00	Banquet

2017

International Symposium on Climate Change and Environmental Health
in Vulnerable Populations in the Asia Pacific Region

Day 1

May 31th, 2017 (Wed) | 09:00 a.m. - 05:30 p.m.

09:00-10:00	Board Meeting (Rm. 105)
Session III. Climate Change (Rm. B-101) Chair :	
10:00-10:25	Increasing climate extremes under global warming: its implication on health issues (Dr. Jin-Ho Yoon, Gwangju Institute of Science and Technology, Korea)
10:25-10:50	"TBC" (Dr. Keoduangchai Keokhamphui, National University of Laos, Laos)
10:50-11:15	The status of climate change in Cambodia (Ms. Khlok Vichet Ratha, Ministry of Environment, Cambodia)
11:15-11:40	"TBC" (Dr. Hun Cheol Im, Green Technology Center, Korea)
11:40-13:30	Lunch
13:30-17:30	Field trip at Seoul

2017

International Symposium on

Climate Change and Environmental Health in Vulnerable Populations in the Asia Pacific Region



Invite Speakers



Rokho Kim (Keynote)

Division of Pacific Technical Support, WHO Office in the South Pacific, Fiji



Joon Ha Kim (Keynote)

International Environmental Research Institute, Gwangju Institute of Science and Technology, Korea



Tippawan Prapamontol

Research Institute for Health Sciences, Chiang Mai University, Thailand



Kongkea Phan

Department of Science and Technology, International University, Cambodia



Bolormaa Oyuntsetseg

School of Sciences and Arts, National University of Mongolia, Mongolia



Vimal Deo

Ministry of Health & Medical Services, Fiji



Jinho Yoon

School of Earth Sciences and Environmental Engineering, Gwangju Institute of Science and Technology, Korea



Khlok Vichet Ratha

Department of Climate Change, Ministry of Environment, Cambodia



Yun-Chul Hong (Keynote)

Department of Preventive Medicine, Seoul National University, Korea



Do Manh Cuong

Division of Pacific Technical Support, WHO Office in the South Pacific, Fiji



Lunchakorn Prathumra

Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ), Bangkok, Thailand



Enkhjargal Altangerel

National Center for Public Health, Mongolia



Le Thai Ha

National Institute of Occupational and Environmental Health, Ministry of Health, Vietnam



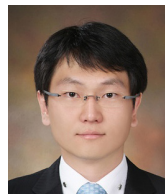
Seojin Ki

International Environmental Research Institute, Gwangju Institute of Science and Technology, Korea



Keoduangchai Keokhamphui

Department of Water Resources Engineering, National University of Laos, Laos



Hun Cheol Im

Green Technology Center, Korea

Venue

International Hall in College of Medicine,
Seoul National University, Seoul, Korea
(Address: 103 Daehak-ro, Jongno-gu, Seoul 03080, Korea)
<http://en.medicine.snu.ac.kr/sub1/Visiting/map.htm>



Accommodation

Mayplace Hotel Seoul Dongdaemun

www.mayplace.co.kr

Tel : +82-742-8080

Address : Yukoro 179, Jongro-gu, Seoul, Korea

