

About GIR

Greenhouse Gas Inventory & Research Center of Korea(GIR) was established on June 15th, 2010 under the 「Framework Act on Low Carbon Green Growth」. GIR, a government institute affiliated to the Office for Government Policy Coordination, serves as a think-tank on GHG inventory & mitigation. The key functions of GIR are managing national GHG inventory, supporting the establishment of national & sectoral GHG reduction targets, and conducting research on GHG mitigation modeling. In order to share Korea's experiences and support capacity-building for other developing countries, GIR has carried out international cooperative projects including International Modeling Conference (IMC), Cooperative Green Growth Modeling Forum (C2GMF) and GHG training program annually.

Achievement of GIR

- 2016 Apr** Inaugurated Dr. Yong-gun Kim as the 2nd president
Jun Transferred from the Ministry of Environment(MoE) to the Office for Governance Policy Coordination
- 2015 Jun** Announced national GHG statistics management plan for 2015-2019
Jun Supported submitting INDC(Intended Nationally Determined Contribution) to the UNFCCC
- 2014 Jan** Supported establishing the national GHG mitigation roadmap
Mar Signed MOU with HSRI(Hydrometeorology Scientific Research Institute) of Azerbaijan
Aug Established a master plan for applying 2006 IPCC Guidelines to the national GHG inventory
Dec Supported submitting 1st Biennial Update Report to the UNFCCC
- 2013 Aug** Established ETS Registry
Nov Signed MOU with LBL(Lawrence Berkeley Laboratory)in the USA
- 2012 Aug** Established country-specific GHG emission/removal factors development & verification guidelines
Aug Signed MOU with UNEP
- 2011 Mar** Held 1st Steering Committee meeting of C2GMF
May Launched National GHG Management System(NGMS)
Jun Held 1st GIR GHG training program
Jul Set national GHG mitigation target
Nov Signed MOU with IIASA(International Institute for Applied Systems Analysis)
Dec Supported submitting 3rd National Communications to the UNFCCC
- 2010 Jun** Established GIR affiliated to the MoE
Jun Held 1st International Conference on Post-Kyoto Climate Change Mitigation Modeling
Sep Inaugurated Dr. SeungJick Yoo as the 1st president

Advance Registration

<https://goo.gl/forms/U01INmL7JUBcFnL2>

Venue



THE PLAZA Hotel Seoul

119 Sogong-ro, Jung-gu, Seoul, Korea 04525

SUBWAY

Get off at City Hall Station (Line 1 or 2), take exit no. 6 and walk about 1~2 minutes.

BUS

Get off at the City Hall Bus Stop

FROM THE INCHEON AIRPORT

- Kal limousine
 - Route: City Hall / Travel Time: 70 min.
 - Interval: 20 min. / Fare: 16,000KRW(One Way)
 - Operating Hours: 04:47~22:35 (Airport→Hotel); 05:00/05:20/05:40/06:00/06:25~18:30 (Hotel→Airport)
 - Gate Number : 4A or 10B

• Taxi

- Travel Time: 50~60 min.
- Fare: 70,000 KRW (Regular), 90,000 KRW (Deluxe)

FROM THE GIMPO AIRPORT

- Airport limousine
 - No. 6021/Travel Time: 50 min.
 - Interval: 30 min./ Fare: 7,000 KRW (One Way)
 - *Get off in front of Ibis Hotel in Myeong-dong

• Taxi

- Travel Time: 40 min.
- Fare: 30,000 KRW (Regular), 50,000 KRW (Deluxe)

Visit GIR website

www.gir.go.kr (in Korean) www.gir.go.kr/eng (in English)



2016 International Modeling Conference

Carbon Price Modeling & Policy Analysis
for Efficient GHG Reduction

10. 12(Wed.), The Plaza Hotel, Seoul



Office for Government Policy Coordination
Prime Minister's Secretariat
Greenhouse Gas Inventory and Research Center(GIR)

Welcome

Since its establishment in 2010, GIR(Greenhouse Gas Inventory & Research Center of Korea) has taken the pivotal roles in managing national GHG inventory and responding to GHG mitigation in the Republic of Korea.

The IMC(International Modeling Conference), held annually in Korea since the establishment of GIR, has grown to a global conference where national and international experts gather to share the latest methodologies, practices, and policies on GHG mitigation trend.

The theme of 2016 IMC is “**Carbon price modeling & policy analysis for efficient GHG reduction.**” Upon the adoption of the Paris Agreement in December 2015, carbon markets have a growing presence nationally and globally. Furthermore, taking advantage of carbon markets is expected to play a critical role in achieving each party’s NDCs for the post-2020 period.

In this regard, this year’s IMC will deal with the issues of carbon pricing. There will be presentations and open discussions on international and national-level carbon price modeling & policy as well as carbon market linkages.

We sincerely hope that you will be able to join us for this meaningful discussion and have an opportunity to share your thoughts with distinguished experts.

Thank you very much.

Dr. Yong-gun Kim

President

Greenhouse Gas Inventory and Research Center of Korea (GIR)

2016 IMC Schedule

TIME	SESSION	PRESENTER
13:00~13:25 ('25)	Registration	
13:25~13:50 ('25)	Opening	
13:25~13:35 ('10)	Opening Remarks	Yong-gun Kim (President of GIR)
13:35~13:45 ('10)	Welcoming Remarks	Sukjoon Lee (Minister of the Office for Government Policy Coordination)
13:45~13:50 ('10)	Photo	All participants
13:50~15:50 ('120)	[Session 1] CARBON PRICE MODELING	
13:50~14:20 ('30)	“Marginal Abatement Cost Curves(MACCs) & Techno-economic carbon price models for ETS”	Vicki Duscha (Fraunhofer Institute Systems & Innovation)
14:20~14:50 ('30)	“Carbon pricing models-overview of different modeling techniques”	Joern Richstein (DIW Berlin)
14:50~15:20 ('30)	“Comparison of design options for ETS and their potential linking in China and South Korea: the alternative discounting value”	Morgan Crenes (Enerdata)
15:20~15:50 ('30)	Panel Discussion	Chair : Jong Ho Hong (Seoul Natl’ Uni.) Panelist : - Hyungna Oh (Kyung Hee Uni.) - So-Won Yoon(GIR)
15:50~16:10 ('20)	Coffee Break	
16:10~17:50 ('100)	[Session 2] CARBON PRICE POLICIES	
16:10~16:35 ('25)	“The future of Carbon markets & Their interconnection”	Luca Taschini (LSE GRI)
16:35~17:00 ('25)	“Market stability reserve, Price controls, and Other options to stabilize EU-ETS prices ”	Harrison Fell (North Carolina State Uni.)
17:00~17:25 ('25)	“EU-ETS-Lessons learned & Future plans”	Alistair Ritchie (ICF International)
17:25~17:50 ('25)	Panel Discussion	Chair: Jeong-in Kim (Chung-ang Uni.) Panelist : - Jongmin Yu (Hongik Uni.) - Jae H. Jung(GIR)
17:50~18:00 ('10)	Closing	

Language : English (Korean-English interpretation is provided)

Previous IMCs

2010 IMC on Jun 17-18

- Theme** Post-Kyoto Climate Change Mitigation Modeling
- Session 1** GHG Reduction Analysis Models in Annex 1 Countries-Case Studies I
- Session 2** GHG Reduction Analysis Models in Non-Annex 1 Countries-Case Studies II
- Session 3** GHG Reduction Analysis Model Related Issues I : Bottom- Up Models
- Session 4** GHG Reduction Analysis Model Related Issues I : Top-Down Models

2011 IMC on Jul 8

- Theme** Transition to Sustainable Energy & Low Carbon Systems in Developing Countries
- Session 1** Bioenergy and Economic Development
- Session 2** Sustainable Energy Supply Systems
- Session 3** GHG Mitigation Potential in the Agriculture/Forestry Sector

2012 IMC on Jul 13

- Theme** Utilization of Indigenous Energy Resources for Green Growth
- Session 1** Alternative Energy Technologies Applicable to Developing Countries
- Session 2** Impact Analysis of Indigenous Energy Options in Local Development
- Session 3** C2GMF Special Session on Transport Sector GHG Emission Projections

2013 IMC on Jul 12

- Theme** Enhancing Market Mechanisms for Global Climate Change Mitigation
- Session 1** Global Trends toward Market Mechanisms
- Session 2** ETS Design : Introductory Phase
- Session 3** Country Case Studies in Power Generation Sector

2014 IMC on Jul 10

- Theme** Facilitating Cooperative Implementation of Nationally Determined Contributions
- Session 1** Qualification & Verification of Mitigation Actions in Developing Countries
- Session 2** International Cooperation for Mitigation Action & MRV

2015 IMC on July 2

- Theme** Enhancing global efforts for the Post-2020 era : Towards 2°C target
- Session 1** Challenges of the Post-2020 era and Establishing new global governance
- Session 2** GHG reduction in order to stay below 2°C of global warming
- Session 3** Transparency enhancement and Implementation mechanism in the Post-2020