



The 6th Asia-Pacific GAW Workshop on Greenhouse Gases

Oct. 20-22, 2014 / Daejeon, Republic of Korea
Hosted by **KMA Korea Global Atmosphere Watch Center**



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Program

20 Oct (Monday)	
9:00~10:00	Registration
10:00~12:00	Welcome speech (each 10 min) <ul style="list-style-type: none"> • Hee-Dong Yoo, Director Genral of Climate Scienc Bureau/KMA • Jin-Seok Kim, Vice President of KRISS
	Keynote speech (each 30 min) <ul style="list-style-type: none"> • Oksana Tarasova (WMO AER/RES Chief) Title: 25 years of the GAW programme: Achivement and future direction • Ed Dlugokencky (WMO GAW SAG Chairman on GHGs, NOAA, USA) Title: Observational Constraints on the Global Methane Budget • Ally Lewis (WMO GAW SAG on VOCs, University of York, UK) Title: Progress towards creating a VOC capcability within WMO-GAW
	Photo time
12:00~13:00	Lunch
13:00~15:00	Session 1 GHGs monitoring activities in Asia-Pacific regions (Chair: Marcel van der Schoot) (each 20 min) <ul style="list-style-type: none"> • Korea GAW activities, Chulkyu Lee(KMA, Korea) • Progress of the 6th WMO round robin and outline of the China GHG bulletin, Lingxi Zhou(CAMS/CMA, China) • A new JMA program of operational aircraft observation for atmospheric CO₂, CH₄, CO and N₂O in the mid-troposphere, Masaomi Takahashi(JMA, Japan) • Influence of monsoons on atmospheric CO₂ spatial variability and ground-based monitoring over India, Yogesh K. Tiwari(India Institue of Tropical Meteorology, India) • A decade of greenhouse gas monitoring activity at the Global GAW Station Bukit Kototabang, Indonesia, Alberth C. Nahas(Global Atmosphere Watch Station Bukit Kototabang, Indonesia) • A New SE Asian Monitoring Station for Regional and Local Observations: GAW aims(University of Malaya, Malaysia)
15:00~15:30	Coffee breaks
15:30~17:30	Session 2 GHGs monitoring activities in Asia-Pacific regions (Chair: Chulkyu Lee) (each 20 min) <ul style="list-style-type: none"> • Evaluation of new technology in-situ greenhouse gas analyzers for CSIRO Atmospheric Observation Network, Marcel van der Schoot(CSIRO, Austrailia) • Introduction of greenhouse gases in Viet Nam, Trinh Lan Phuong(NHMS, Viet Nam) • Characteristics and EEMD analysis of CO₂ and CH₄ at Lulin Atmospheric Background Station (LABS), Taiwan, Chang-Feng Ou-Yang(National Central University, Taiwan) • Comparison of instruments for atmospheric CO₂ observations at Baring Head, New Zealand, Gordon Brailsford(NIWA, New Zealand) • A brief introduction to the UK GAUGE and MAMM projects (University of Manchester, UK) • Intoriduction of Anmyeondo FTS station as a New TCCON site, Taeyoung Goo(NIMR/KMA, Korea)
18:00~21:00	Banquet (Hotel)

Program

21 Oct (Tuesday)	
8:30-9:00	Coffee break
9:00-10:20	Session 3 WCC activities (Chair: Ed J. Dlugokencky) (each 20 min) <ul style="list-style-type: none"> • Why standard gases: standard gases of SF₆ in AMY and WCC-SF₆ activities, Haeyoung Lee(KMA, Korea) • Toward improving measurement precision of SF₆ measurement: Various analytical method using GC-ECD, Jeong-Sik Lim(KRIS, Korea) • The challenge of achieving Data Quality Objectives in the WMO-GAW N₂O network, Rainer Steinbrecher(KIT, Germany) • Recent Developments at the World Calibration Centre WCC-Empa, Christoph Zellweger(EMPA, Switzerland)
10:20-12:00	Session 4 Data QA/QC and its application (Chair: Hiroshi Koide) (each 20 min) <ul style="list-style-type: none"> • Quality Control and Quality Assurance from WDCGG viewpoint, Hiroshi Koide(JMA, Japan) • Statistical approach for the background concentration measurement at Korea GAW Center, Young-Seop Lee(Dongguk University, Korea) • A New method for determining regional baseline concentrations of atmospheric trace gases, Sun-Young Park(Kyungpook National University) • Asian greenhouse gases budget assessment, Prabir K. Patra(JAMSTEC, Japan) • Carbon Tracker-Asia: A tool to quantify CO₂ uptake/release, Chun-Ho Cho(NIMR/KMA, Korea)
12:00-13:00	Lunch
13:00-18:00	Discussion session

22 Oct (Wednesday)	
9:00-11:00	KRIS Lab tour
11:00-12:00	Lunch
12:00-14:00	KRIS to KGAWC(Bus)
14:00-16:00	Technical tour in KAGWC(Anmyeondo station)
16:00-18:00	KGAWC to Hotel(Bus)

If you need more information

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