

The 2010 Third International Workshop on Pacific Greenhouse Gases Measurement

1 、 Aims

- To present, exchange, and discuss experience on the use of in-service aircraft, cargo ship, and satellites for conducting long-term global monitoring for environment and security.
- To brain-storm opportunity between different research groups from MOZAIC, IAGOS, CONTRAIL, PGGM, CHAMP, FORMOSAT-3/COSMIC, etc.

2 、 Conference

The 2010 Third International Workshop on Pacific Greenhouse Gases Measurement

3 、 Time

08:00-1700:00, Thursday, 9 Sep 2010

4 、 Venue

National Science Council Technology Building 2F Conference Room13

* Address:

106, Sec. 2, Heping E. Rd., Taipei City 10622, Taiwan

5 、 Hotel for Foreign Guests

The Grand Hotel, Taipei.

* Address:

No.1, Sec. 4, Zhongshan N. Rd., Zhongshan Dist., Taipei City 104, Taiwan.

6 、 Invited Honored Guests

Invited well-known professionals of correlated field

- Project Director of CARIBIC(EU) : Dr. Carl A. M. Brenninkmeijer
- Project Director of CONTRAIL(Japan): Dr. T. Machida
- Forschungszentrum Jülich(FZJ): Dr. Andreas Volz-Thomas and Prof. Andreas Wahner
- Centre national de la recherche scientifique (CNRS): Prof. Jean-Pierre Cammas
- Cambridge University: Dr. Neil Harris and Prof. Rod Jones

7 、 Principal Subject of Debate

- Aim at planning China Airlines, participation in IAGOS project to observe pollutants and greenhouse gases in atmosphere.
- To understand the current status of MOZAIC project.
- To understand the current status of IAGOS project.
- To understand the current status of PGGM project.
- To discuss methods of response to the global warming in airline industries.
- To discuss methods taken by the government and private sectors in the context of global warming.

Appendix 1

The 2010 Third International Workshop on Pacific Greenhouse Gases Measurement

Tentative Agenda and relative activities scheme

Tuesday Sep. 7	
To participate “2010 International Conference on Nationally Appropriate Mitigation Actions in Taiwan” , Environmental Protection Administration , Executive Yuan	
Wednesday Sep. 8	
To participate “2010 International Conference on Nationally Appropriate Mitigation Actions in Taiwan” , Environmental Protection Administration , Executive Yuan	
Thursday Sep. 9	
Morning	Afternoon
Registration	Lectures Part II
Conference Opening Ceremony	Discussions
Lectures Part I	
Friday Sep. 10	
Morning	Afternoon
Visiting China Airlines	Visiting EVER DAINTY at Taipei Port.
Monday Sep. 29~Friday Oct. 1	
To participate IAGOS-2010 annual conference in World Meteorological Organization, Geneva, Switzerland.	

Appendix 2

The 2010 Third International Workshop on Pacific Greenhouse Gases Measurement

Conference Agenda

Thursday Sep. 9







Time	Agenda
08 : 00~08 : 30	Registration
08 : 30~08 : 40	Opening Ceremony Chair : Prof. Kuo-Yin Wang
08 : 40~09 : 10	Guest Speaking : Deputy Director General Wen-Yan Chiu EPA, Taiwan Head of Office Mr. Guy Ledoux European Economic and Trade Office Dean Prof. Yen-Hsyang Chu NCU, Taiwan
Chair : Dr. Neil Harris	
09 : 10~09 : 40	Energy Challenge and Current Initiatives of Green Energy Development in Taiwan. Industrial Technology Research Institute Dr. Fang-Hai Tsao
09 : 40~10 : 10	Status and perspective of IAGOS Dr. Andreas Volz-Thomas Project Director of IAGOS,EU FZJ, Germany
10 : 10~10 : 40	Recent results from MOZAIC measurements. Prof. Jean-Pierre Cammas Project Director of MOZAIC(EU) CNRS, France
10 : 40~11 : 00	Coffee Break
Chair : Dr. Andreas Volz-Thomas	
11 : 00~11 : 30	Introduction on FORMOSAT-7/COSMIC-2 Program Director Prof. Guey-Shin Chan NSPO

11 : 30~12 : 00	<p>Recent activities of Japanese airline observation project, CONTRAIL.</p> <p>Dr. T. Machida NIES, Japan CONTRAIL Project Director</p>
12 : 00~12 : 30	<p>Observations of oceanic emissions in the West Pacific and beyond.</p> <p>Dr. Neil Harris Project Director of CFCs National Observational in UK Cambridge University, UK</p>
12 : 30~13 : 50	Lunch
Chair : Prof. Jean-Pierre Cammas	
13 : 50~14 : 20	<p>(TBD)</p> <p>Prof. Andreas Wahner FZJ, Germany</p>
14 : 20~14 : 50	<p>The CARIBIC Airbus A340-600 atmospheric observatory-The Asian summer monsoon, details of its chemical make-up.</p> <p>Dr. Carl A. M. Brenninkmeijer CARIBIC Project Director</p>
14 : 50~15 : 20	<p>A low-cost ambient air monitoring system.</p> <p>Professor Rod Jones Observational and modeling studies of atmospheric structure and photochemistry</p>
15 : 20~15 : 40	Coffee Break
Chair : Prof. Andrea Wahner	
15 : 40~16 : 10	<p>CAL Environment Management & Activities.</p> <p>President Din g-Hui Yang China Airline ,Taiwan</p>
16 : 10~16 : 40	<p>The 2009-2010 PGGM ship-based measurement results.</p> <p>Director Prof. Kuo-Ying Wang CES, NCU, Taiwan</p>
16 : 40~17 : 30	Discussions
18 : 00~21 : 00	Banquet

Appendix 3

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Invited Foreign Guests

	Nation/Company	Invited Guest		
1	CARIBIC Project (EU) (Observation of greenhouse gas in atmosphere)	Dr. Carl A. M. Brenninkmeijer (Germany) Project Director of CARIBIC(EU)		
2	Cambridge University, UK Professor of Department of Chemistry (Observation of greenhouse gas in atmosphere)	Professor Rod Jones Observational and modeling studies of atmospheric structure and photochemistry(UK)		
3	FZJ, Germany	Dr. Andreas Volz-Thomas Project Director of IAGOS(EU)		
4	CNRS, France	Prof. Jean-Pierre Cammas Project Director of MOZAIC(EU)		
5	FZJ, Germany	Prof. Andreas Wahner		
6	Cambridge University, UK	Dr. Neil Harris Project Director of CFCs National Observational in UK		
7	NIES, Japan	Dr. T. Machida Project Director of CONTRAIL(Japan)	