

## KOREA-NEW ZEALAND BILATERAL ANTARCTIC COOPERATION WORKSHOP

1. **OBJECTIVE:** Bilateral workshop will be held in 15-16 October 2018 at Korea Polar Research Institute. This will serve as a forum to develop and strengthen our cooperation on Antarctic research. A publication (e.g. a proceedings of workshop) is expected to be the documented result of this workshop.
2. **DATE:** 15-16 October 2018
3. **VENUE:** Sejong International Conference Room at Cafeteria Building (2F)
4. **PROPOSED PROGRAM** (Draft)

DATE	TIME	Program	Participants and Potential Speakers(bold)
15 Oct	09:10-09:15	1. Greetings and welcome remark	(KR) Ho Il Yoon, Hyoung Chul Shin
	09:15-09:25	2. Introduction and background	(KR) Hyoung Chul Shin (NZ) Gary Wsilson
	09:25-11:40 (135)	3. <b>(S1)</b> Current status and Plan for cooperation I: Paleoenvironment and Glaciology (15mins * 8 ppl + 15mins of wrap-up)	(KR) <b>Jae Il Lee</b> , Min Kyung Lee, <b>Sunghan Kim</b> , (NZ) Christina Riesselman, <b>Christian Ohneiser</b> , <b>Joe Prebble</b> , <b>Olivia Truax</b> , <b>Rebecca Parker</b> , <b>Henry Mannering</b> , <b>Ross Whitmore</b>
	11:40-13:00	(LUNCH)	-
	13:10-14:20 (70)	4. <b>(S2)</b> Current status and Plan for cooperation II: Antarctic ecosystem and biological evolution (15mins * 4 ppl + 10mins of wrap up)	(KR) Ji Hee Kim, Ok-Sun Kim, Jung-Hoon Kim, <b>Sanghee Kim</b> (NZ) <b>Gary Wilson</b> , Craig Cary, <b>Ian Hawes</b> , Fiona Shanhun, <b>Mafalda Baptista</b> , Vonda Cummings
	14:25-15:55 (90)	5. <b>(S3)</b> Current status and Plan for cooperation III: Oceanography, Ice sheet and sea level changes (15mins * 5 ppl + 15mins of wrap-up)	(KR) <b>Won Sang Lee</b> , <b>Sukyong Yun</b> , <b>Emilia Kyung Jin</b> , Seung-Tae Yoon (NZ) Richard Levy, <b>Craig Stevens</b> , <b>Jamie Stutz</b>
	16:00-16:30	(COFFEE BREAK)	-
	16:30-17:30 (60)	6. Discussion on publication of proceedings: Contents, Editor and Co-authorship	-
16 Oct	09:30-11:30 (120)	7. Discussion on future Antarctic cooperation Development of new project	-
	11:40-13:00	(LUNCH)	-
	13:10-15:10	8. Documentation of cooperation plans	-

	('120)		
	15:10-15:40	(COFFEE BREAK)	-
	15:40-17:40 (('120)	9. Establishment of a timeline for publication	-

## 5. CONFIRMED PARTICIPANTS

### KOPRI

No.	Name and Division(Unit)
1	Hyoung Chul Shin – Division of Strategy and Cooperation
2	Jae Il Lee – Division of Polar Paleoenvironment
3	Min Kyung Lee – Division of Polar Paleoenvironment
4	Sunghan Kim – Division of Polar Paleoenvironment
5	Jung-Hoon Kim – Division of Polar Life Sciences
6	Ji Hee Kim – Division of Polar Life Sciences
7	Sanghee Kim – Division of Polar Life Sciences
8	Ok-Sun Kim – Division of Polar Life Sciences
9	Won Sang Lee – Unit of Ice sheet and Sea Level Changes
10	Sukyoung Yun – Unit of Ice sheet and Sea Level Changes
11	Emilia Kyung Jin – Unit of Ice sheet and Sea Level Changes
12	Seung-Tae Yoon – Unit of Ice sheet and Sea Level Changes

### New Zealand

No.	Name, affiliation and related field
1	Gary Wilson – University of Otago and Antarctica New Zealand - Project co-lead and Cape Adare LTER pilot
2	Richard Levy – GNS Science - Ross Sea ocean and ice evolution
3	Craig Stevens – NIWA - Drygalski Ice Tongue
4	Craig Cary – University of Waikato and NZARI - NVL microbial biodiversity

5	Ian Hawes – University of Waikato and Antarctica New Zealand - Coastal Ecology
6	Fiona Shanhun – Antarctica New Zealand - Penguin Census
7	Joe Prebble – GNS Science - Bellingshausen Sea
8	Christian Ohneiser – University of Otago - Chronostratigraphy of Ross Sea cores
9	Christina Riesselman – University of Otago – Antarctic paleoceanography
10	Olivia Truax (Graduate Student) – University of Otago - Robertson Bay oceanography
11	Rebecca Parker (Graduate Student) – University of Otago - SW Ross Sea Deglaciation and climate history
12	Jamie Stutz (Graduate Student) – Victoria University of Wellington - David Glacier retreat
13	Ross Whitmore (Graduate Student) – Victoria University of Wellington - Mawson & Tucker Glacier Retreat
14	Mafalda Baptista – University of Waikato - Penguin colony microbial influence
15	Vonda Cummings - NIWA – Antarctic benthic ecology
16	Henry Mannering (Graduate Student) – University of Otago - Paleomagnetism

## 6. POTENTIAL SPEAKERS AND TITLE

Session	Side	No.	Name	Title
S1	KR	1	Jae Il LEE	"Korea-New Zealand cooperation in Antarctic paleoenvironmental research"
		2	Sunghan Kim	"Late Pleistocene Paleoclimatological changes in the Ross Sea"
	NZ	1	Christian Ohneiser	Christian Ohneiser et al. "Magneto-biostratigraphic age models for Pleistocene sedimentary records from the Ross Sea"
		2	Ross Whitmore	"Rapid regional-scale ice-surface lowering at ~6.5 ka in southern Victoria Land, Antarctica"
		3	Rebecca Parker / Christina Riesselman	"SW Ross Sea deglaciation and Holocene paleoenvironments"
		4	Henry Mannering / Christian Ohneiser	"Paleomagnetic studies for cores GC-100, -101, -102 and -107"
		5	Joe Prebble	"Bellingshausen Sea + Crystal Sound late Quaternary environmental changes from palynology initial results"
		6	Olivia Truax	Olivia Truax et al. Holocene climate evolution off Northern Victoria Land, east Antarctica"
S2	KR	1	Sanghee Kim	Jang Bogo Long-term Ecological Research Program

	NZ	2	Gary Wilson	Gary Wilson et al. "The Cape Adare Biome"
		3	Mafalda Baptista / Craig Cary	"Microbial community succession is differentially driven from near shore penguin colonies to terrestrial environments"
		4	Ian Hawes / Sanghee Kim, Vonda Cummings /	"Nearshore Marine Benthic Community Dynamics in Victorialand"
S3	KR	1	Won Sang Lee	Won Sang Lee et al. "LIONESS: International Collaborative framework in Antarctica"
		2	Emilia Kyung Jin	Emilia Kyung Jin et al. "Future projections of David Glacier-Drygalski Ice Tongue under idealized scenarios"
		3	Sunkyoung Yun	Sukyoung Yun et al. "Hydroacoustic monitoring in the Terra Nova Bay and its potential contribution to the Antarctic MPA"
	NZ	4	Craig Stevens	Craig Stevens et al. "Ice-ocean interactions around the Drygalski Ice Tongue and implications for the Terra Nova Bay Polynya and beyond"
		5	Jamie Stutz	"Rapid collapse of David Glacier at Last Glacial Termination"