

The Korean NySMAC Report

Korea Polar Research Institute (KOPRI)

Research Activities of the Dasan Station at Ny-Alesund in 2011

1. Overview

Korean scientists are scheduled to visit the Dasan Research Station at Ny-Alesund for scientific research activities and outreach program. And some of them in this season have registered in the Svalbard Research Database on the matter of their scientific research activities at Ny-Alesund. But some of projects and programs are requested to register in the system earliest time.

	Project Complete Name	Num. of Person	Duration
1	Interactions between Polar Climate Systems -Cryosphere, Marine Biosphere and Atmosphere- using Satellite	3	19 – 25 Apr. (7 days)
2	Korea Arctic Multidisciplinary Program [KAMP] - Arctic Climate and Environment Change -	9	5-10 Aug. (6 days)
3	Developing cryoprotectant materials derived from antifreeze proteins for the cryopreservation of valuable bioresources	3	17–29 June. (13 days)
4	Studies on biodiversity and changing ecosystems in King George Islands, Antarctica (BIOCE)	3	28 June – 6 July (9 days)
5	Utilization of novel metabolites from polar organisms	2	11-21 July (11 days)
6	Arctic Marine Microbial Diversity Project	3	26 July – 10 Aug. (16 days)
7	Study for the Influence of Polar Environment and Polar Viruses in Organism	2	1–6 July (6 days)
8	Korean Outreach Program in 2009 - Pole to Pole Korea – *	10	July-August (Approx. 5 days)
Sum **		35	73 days

* Korean Outreach Program is not registered to Svalbard Research Database.

** The number of visitor has some possibilities to be changed because of other conditions.