IceDust Workshop II
Workshop of the Icelandic Aerosol and Dust Association
14 February 2018 Agricultural University of Iceland, Arleynir 22, 112 Reykjavik, Iceland

AGENDA
08:30-08:45  Arrival and coffee
08:45-09:00  Olafur Arnalds, Agricultural University of Iceland
THE NATURE OF THE ICELANDIC DUST HOTSPOTS
09:00-09:15  Outi Meinander, Finnish Meteorological Institute
BLACK CARBON AND DUST AEROSOLS ON SNOW AND GLACIER ICE IN ICELAND
09:15-09:30  Mary Butwin, University of Iceland and Icelandic Meteorological Office
FREQUENCY AND CHARACTERISTICS OF VOLCANIC ASH AND DUST SUSPENSION EVENTS IN ICELAND
09:30-09:45  Dragana Djordevic, Center of Env. Chemistry and Engineering University of Belgrade, Serbia
CHEMICAL PATTERNS OF ELEMENTS FROM ICELANDIC SOILS AND RIVER SEDIMENTS AS TRACERS
09:45-10:00  Thröstur Thorsteinsson, University of Iceland
EXCEEDING THE HEALTH LIMIT DUE TO PARTICULATE MATTER FROM NATURAL SOURCES
10:00-10:15  Melissa Pfeffer, Icelandic Meteorological Office
PARTICLES IN AN ASH-POOR, GAS-RICH, DUSTY ERUPTION CLOUD
10:15-10:45  COFFEE BREAK AND POSTERS
10:45-11:00  Haraldur Olafsson, University of Iceland and Icelandic Meteorological Office
ON THE LOCAL NATURE OF WINDSTORMS AT DUST SOURCES
11:00-11:15  Cameron Powell, University of Iceland and Icelandic Meteorological Office
IMPROVEMENTS IN NAME ASH RESUSPENSION FORECASTING
11:15-11:25  Pavla Dagsson-Waldhauserová, Agricultural University of Iceland
SUMMARIZING THE RYK PROJECT — DUST PRODUCTION AND DISTRIBUTION IN ICELAND
11:25-11:40  Gerður Stefánsdóttir Árni Sigurðsson, Sibylle von Löwis of Menar Icelandic Met Office

ATMOSPHERIC MONITORING AT STÓRHÖFDI AND ÍRAFOSS

11:40-11:55  Konrad Kandler, Technische Universität Darmstadt, Germany

QUANTIFICATION OF ICELANDIC DUST EXPORT - PROPOSAL OF A COMBINED MODELING AND MEASUREMENT EXPERIMENT

11:55-12:30  DISCUSSION TOPICS

12:30  End of the IceDust Workshop

POSTERS

Evgenia Ilyinskaya, University of Leeds, UK

Sara Basart, Barcelona Supercomputing Center
INDUST: INTERNATIONAL NETWORK TO ENCOURAGE THE USE OF MONITORING AND FORECASTING DUST PRODUCTS

Jean-Baptiste Renard, LPC2E-CNRS / Université d’Orléans, Orléans, France
WINTER AND HIGH-ALTITUDE DUST SIZE DISTRIBUTIONS WITH THE BALLOON-BORNE LIGHT OPTICAL AEROSOL COUNTER (LOAC)

Nsikanabasi Silas Umo, Karlsruhe Institute of Technology
ICE-NUCLEATING PROPERTIES OF DUST FROM HIGH-LATITUDE REGIONS

Shu Yang and David Finger, Reykjavík University
THE VALUE OF DOPPLER LIDAR SYSTEMS TO MONITOR TURBULENCE INTENSITY DURING STORM EVENTS IN ORDER TO ENHANCE AVIATION SAFETY IN ICELAND

Lea Maria Lemarquis, University of Iceland: DUST OBSERVATIONS IN HEYLÆKUR, SOUTH ICELAND, 2017-2018

DISCUSSIONS

Porsteinn Jóhannsson and Ragnhildur Finnbjornsþóttir, Environment Agency of Iceland
Martina Stefani, University of Iceland
Sara Barsotti, Icelandic Meteorological Office
Hjalti Sigurjónsson, Vatnaskil
Katalin Gillemot, Universität Wien, Austria

The IceDust Workshop II is organized by the Icelandic Aerosol and Dust Association (https://icedustblog.wordpress.com/) in collaboration with the COST Action CA16202 - INDUST: INTERNATIONAL NETWORK TO ENCOURAGE THE USE OF MONITORING AND FORECASTING DUST PRODUCTS (http://www.cost.eu/COST_Actions/ca/CA16202). Contact Pavla at pavla@lbhi.is for further information.

The entrance is free. We are looking forward to welcome you!