

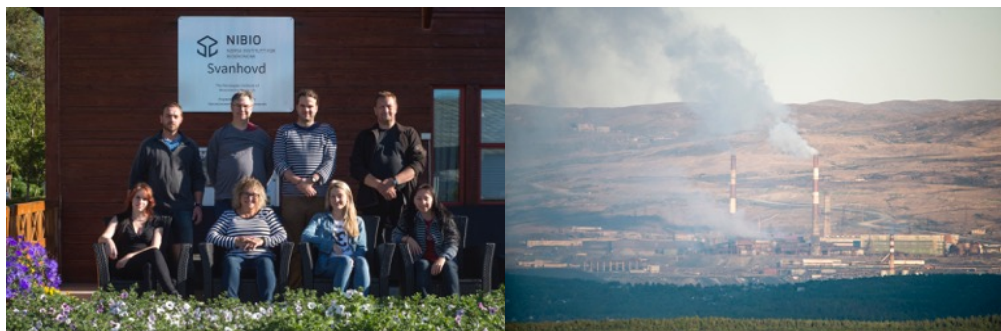


FACULTY OF ENVIRONMENTAL SCIENCES (CULS)

CORDIALLY INVITES TO THE
WORKSHOP – project ISOFIN



June 6–7, 2016



Schedule

June 6 2016 - buildings MCEV I a II – excursion to Laboratories of Environmental Geochemistry 2 pm – 4 pm

June 7 2016 - building MCEV II, room Z239, 9 am – 4 pm

CULS

Dr. Michael Komárek

Dr. Vladislav Chrastný

Dr. Hana Šillerová

Anna Kunčíková

Dr. Martina Vítková

Dr. Jana Kocourková

9:00 – 12:00

Introduction to ISOFIN - From the idea to realization

Determination of stable metal isotopes on TIMS

Search for nickel isotope fractionation during Ni ore smelting: Implication for tracing industrial contamination in Norway

Contamination fingerprinting in city of Ostrava (CZ): source identification using Pb isotopic composition

Mineralogical investigations of environmental samples

Lichens and Bryophytes used for elemental analysis

NIBIO (Norwegian Institute of Bioeconomy Research) 13:00 – 16:00

Dr. Lars Ola Nilsson

Biological indicators of heavy metal pollution in terrestrial ecosystems

Dr. Paul E. Aspholm

Historical archives for studying heavy metal pollution through time

NILU (Norwegian Institute for Air Research)

Dr. Tore Flatlandsmo Berglen

Air pollution from metallurgic industries (and air quality) in the Norwegian Russian border region

NGU (Geological Survey of Norway)

Dr. Henning Jensen

Metal and PAH levels in humus in Eastern Finnmark: Spatial and temporal changes over a 20-year period, and the influence of smelters and urban settlements on these levels

ČZU (Česká zemědělská univerzita v Praze) – project AQUARIUS

Dr. Jan Vymazal

Efficiency of constructed wetlands in drinking water watershed with respect to nutrients and pharmaceuticals