

PROGRAMME OF THE 6th ANNUAL PGS CONFERENCE

27 January 2015

Krajinova auditorium (second mezzanine, room B14)

Benátská 2, Praha 2

Conference Opening (8:00)	
First section of lectures (8:15 – 9:50)	
8:15 – 8:30	Ondřej Lhotský (2nd year) Composting for ex situ/on site decontamination of POPs contaminated soils
8:30 – 8:45	Hana Šimáčková (2nd year) Nitrogen and phosphorus leaching from biomass of Calamagrostis epigejos during the vegetation season
8:45 – 9:00	Olga Vindušková (2nd year) Carbon sequestration in soils developing on landslides in the Flysch Carpathians
9:00 – 9:15	Jabbar Moradi (2nd year) Microhabitat detectable differences among soil fauna population in Sokolov unreclaimed post mining sites: potential of fungal based terrestrial food web
9:15 – 9:30	Jaroslav Kukla (2nd year) Interaction of microbial community and litter quality and its role on soil organic matter decomposition
9:30 – 9:50	Veronika Jílková (4th year) Carbon dioxide and methane emissions from wood ant nests
Coffee break (9:50 – 10:10)	
Second section of lectures (10:10 – 11:25)	
10:10 – 10:20	Marie Hynštová (1st year) Influence of catchment characteristics on lake water chemistry in the Tatra Mountains (Slovakia)
10:20 – 10:30	Vojtěch Pilnáček (1st year) Identification of key factors during biodrying sewage sludge and digestate from biogas stations
10:30 – 10:45	Filip Beneš (2nd year) Long-term development in chemistry and composition of benthic macroinvertebrate community in acidified mountain streams
10:45 – 11:05	Magdalena Barešová (3rd year) How algal organic matter differs in species and growth phase of phytoplankton
11:05 – 11:25	Eva Juranová (3rd year) Behaviour of artificial radionuclides in the hydrosphere
Lunch break (11:25 – 12:30)	

Third section of lectures (12:30 – 14:25)

12:30 – 12:40	Roman Lyach (1st year) Diet of Eurasian otter (<i>Lutra lutra</i>) in relation to the stocking of rainbow trout (<i>Oncorhynchus mykiss</i>), brown trout (<i>Salmo trutta m. fario</i>) and grayling (<i>Thymallus thymallus</i>)
12:40 – 12:50	Zuzana Štípková (1st year) Determinants of orchid species diversity
12:50 – 13:05	Polina Lemenkova (2nd year) Spatial analysis for environmental mapping of Šumava National Park
13:05 – 13:25	Jan Hanzelka (3rd year) Ecological traits accounting for bird species sensitivity to the black locust invasion
13:25 – 13:45	Michaela Koschová (4th year) Impact of climatic change on bird populations
13:45 – 14:05	Binu Timsina (4th year) Epiphytic orchids: diversity and host-species relationship
14:05 – 14:25	Tomáš Telenský (6th year) Long-term population trends of birds in Czech Republic

Coffee break (14:25 – 14:40)

Fourth section of lectures (14:40 – 16:40)

14:40 – 14:50	Jan Bendl (1st year) Polycyclic aromatic hydrocarbons in size-segregated aerosol in Mladá Boleslav
14:50 – 15:05	Cecilia Leoni (2nd year) Aerosol particles concentration and size distribution in urban and suburban location
15:05 – 15:20	Vojtěch Stránilík (2nd year) Contribution of HNO ₃ (g) to nitrogen deposition
15:20 – 15:40	Lucie Kubelová (3rd year) Comparison of summer and winter submicron aerosol composition studied by the aerosol mass spectrometer
15:40 – 16:00	Jitka Štolcpartová (3rd year) The effect of fuel type and spark ignition engine technology on car particle emissions in the context of urban air pollution
16:00 – 16:20	Jana Kozáková (4th year) Urban and suburban intermodal fraction of atmospheric aerosol in winter 2014
16:20 – 16:40	Otakar Makeš (4th year) Comparison of source apportionment results from summer and winter measuring campaign at a Prague – Suchdol site

Conference Ending (16:40) – Small Reception