

Curriculum vitae

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List of publications

Anna Francová

Born: 12th March, 1990, Uherské Hradiště (Czech Republic)

Address: Na Vinici 566, 27401, Slaný, Czech Republic

E-mail: kuncikova@fzp.czu.cz

Education

2014 – present: Ph.D. studies

Applied and landscape ecology, Faculty of Environmental Sciences

Czech University of Life Sciences, Prague, Czech Republic

Thesis: *The isotope tracing methods for industrial contamination of the atmosphere*

2012 – 2014: Master programme

Agroecology, Faculty of AgriSciences

Mendel University in Brno, Brno, Czech Republic

Thesis: *Study of revitalization pond on Hlinka water flow*

Rector's Award for Excellent Study Results, The honorable acknowledgment of the Dean for an excellent diploma thesis

2009 – 2012: Bachelor programme
Agroecology, Faculty of AgriSciences
Mendel University in Brno, Brno, Czech Republic
Thesis: *Possible sources of pollution in the selected section of river basin study*

Publications

Francová A., Chrastný V., Vítková M., Šillerová H., Komárek M. (2020) Health risk assessment of metal(loid)s in soil and particulate matter from industrialized regions: A multidisciplinary approach. *Environmental Pollution* 260: 114057

Chrastný V., Šillerová H., Vítková M., **Francová A.**, Jehlička J., Kocourková J., Aspholm P.E., Nilsson L.O., Berglen T.F., Jensen H.K.B., Komárek M. (2018) Unleaded gasoline as a significant source of Pb emissions in the Subarctic. *Chemosphere* 193: 230-236

Francová A., Chrastný V., Šillerová H., Kocourková J., Komárek M. (2017) Suitability of selected bioindicators of atmospheric pollution in the industrialized region of Ostrava, Upper Silesia, Czech Republic. *Environmental Monitoring and Assessment* (2017) 189:478

Šillerová H., Chrastný V., Vítková M., **Francová A.**, Jehlička J., Gutsch M.R., Kocourková J., Aspholm P.E., Nilsson L.O., Berglen T.F., Jensen H.K.B., Komárek M. (2017) Stable isotope tracing of Ni and Cu pollution in North-East Norway: Potentials and drawbacks. *Environmental Pollution* 228: 149-157

Chrastný V., Komárek M., **Francová A.**, Šillerová H. (2017) Identifikace zdrojů znečištění atmosféry v průmyslových oblastech za využití stabilních izotopů olova, Identification of sources of atmospheric pollution in industrial areas using stable lead isotopes, isotopes; pollution; atmosphere; industry; tracing, 2017, XX - Nepřirazeno, A - Certifikovaná metodika (NmetC), M037/M/2017, Certifikovaná metodika byla publikována v rámci projektu ISOFIN 7F14330, Česko-norský výzkumný program CZ09, Certifikovaná metodika prezentuje účinný nástroj pro identifikaci zdrojů atmosférického znečištění, konkrétně v průmyslové oblasti Ostravska., C - Výsledek je využíván bez omezení okruhu uživatelů, Česká společnost pro jakost, z.s., 18. 04. 2017

Francová A., Chrastný V., Šillerová H., Vítková M., Kocourková J., Komárek M. (2017) Evaluating the suitability of different environmental samples for tracing atmospheric pollution in industrial areas. *Environmental Pollution* 220: 286-297

Vítková M., Šillerová H., **Francová A.**, Komárek M., Nilsson L. (2016) Identification of metal distribution in smelter-affected area of Finnmark using various environmental indicators. In Energy and clean technologies conference proceedings, SGEM 2016, Vol. II 30.06.2016, Albena. Bulgaria: STEF92 TECHNOLOGY LTD, 2016. s. 397-402

Grants and projects

- Co-woker on grant: A new methodological approach for identification of industrial pollution: Isotope fingerprinting and bacterial community changes (ISOFIN).

7F14330 (Norwegian Financial Mechanism 209-2014)

- Principal investigator on grant: Izotopové stopování průmyslového znečištění atmosféry v ČR a v Norsku. Podpora zapojení studentů do grantu Norských fondů

IGA 4240013123161 (Internal Grant Agency of the Faculty of Environmental Sciences, CULS Prague)

- Co-investigator on grant: Izotopy niklu a kadmia jako důkaz původu znečištění atmosféry v industriálních oblastech

CIGA 20164201 (Czech University of Life Sciences)

Teaching activities

- Environmental Soil Chemistry – laboratory course
- Practical and Computational Chemistry – laboratory course
- Field Practise for EGS – laboratory course
- Supervision of 10 bachelor theses