



Prof. Jaco Vangronsveld, PhD

Hasselt University (Belgium)

Head of the research group Environmental Biology of the
Centre for Environmental Sciences

2000-2020 director of the Centre for Environmental Sciences
of HU

Part-time professor at the Maria-Sklodowska University in
Lublin (Poland)

Doctor Honoris Causa of the Agricultural University – Plovdiv

Jaco Vangronsveld has a long-lasting experience in studying the physiological, biochemical and molecular aspects of abiotic stress in plants. From 1996, expertise has been built up on the role of plant-associated microorganisms (both bacteria and fungi from soil, rhizosphere, plant endosphere and episphere) in plant growth and development and the exploitation of these partnerships to improve biomass production and bio-(phyto-)remediation of polluted soils. Since the area of polluted and marginal land in Europe and the rest of the world is huge, there is an important potential to use these soils for biomass production in function of bioenergy and feedstock for industrial processes. The microbial communities of a broad range of plants are studied: *Arabidopsis thaliana*, yellow lupine, poplar, willow, rapeseed, tobacco, fiber hemp, maize, several metallophytes, etc. Studies are performed both at laboratory (from molecular to physiological and organismal level) and field scale.

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=7004594364>

LOOP: <https://loop.frontiersin.org/people/292804/overview>

ORCID: 0000-0003-4423-8363

H-index (May 2021): 84

Number of publications (May 2021): 410

Number of citations (May 2021): 23.062

Web of Science/Clarivate Highly Cited Researcher Award in 2018, 2019, 2020