



Measuring soil with digital device and tablet.

FUNCTIONAL COORDINATION CHEMISTRY

Using new sensing technologies to inform about more sustainable agricultural practices.



Research Areas

- Inorganic Chemistry;
- Functional Materials;
- Chemical Sensors.

Regions

Switzerland.

Contact

ETH Zürich
Functional Coordination Chemistry
HCI H 117
Vladimir-Prelog-Weg 1
8093 Zurich

<https://bezdek.ethz.ch/> →

Contribution to the WFSC

The newly established Functional Coordination Chemistry Group carries out research at the intersection of inorganic chemistry and sensor science and develops stimuli-responsive materials. Specifically, we apply molecular design principles to advance new sensing technologies for the detection of environmentally-relevant analytes. Our goal is to make low-cost and distributable chemical sensors for real-time soil health monitoring and thereby help to inform about sustainable agricultural practices.



Prof. Máté Bezdek

