

DISS. ETH NO. 22103

**FERROUS IRON UPTAKE MECHANISMS
AT THE MONTMORILLONITE-WATER INTERFACE
UNDER ANOXIC AND ELECTROCHEMICALLY
REDUCED CONDITIONS**

A thesis submitted to attain the degree of
DOCTOR OF SCIENCES of ETH ZURICH
Dr. sc. ETH Zurich

presented by

DANIELA SOLTERMANN
MSc ETH Environmental Sc.

born on 30.11.1984
citizen of Vechigen BE

accepted on the recommendation of
Prof. Dr. Bernhard Wehrli, examiner
Prof. Dr. Horst Geckeis, co-examiner
Dr. Maria Marques Fernandes, co-examiner
Dr. Bart Baeyens, co-examiner

2014