

Curriculum Vitae (*Short summary*)

HEGE INDRESAND

KEY QUALIFICATIONS

Scientific skills: Atmospheric particulate matter, air quality regulations, emission permits, analytical chemistry, chemometrics, statistics, meteorology, instrumentation, measurement geometry, measurement infrastructure, sensors, real-time systems, land-based process industry, smelter operations and emissions, industrial automation, industrial testing.

Management skills: project management, strategic management, leadership, board competence

EDUCATION

2008 PhD: Chemistry
Department of Chemistry, University of California Davis, USA

2000 Bachelor of Science: Chemistry and Bachelor of Science: Environmental Studies
University of Redlands, USA

CURRENT AND PREVIOUS POSITIONS

2013- Senior research scientist
Smart instrumentation and Industrial testing,
NORCE Norwegian Research Centre AS, Norway
<https://www.norcereseach.no>

2008-2013 Post-doctoral Fellow
IMPROVE, UC Davis Air Quality Research Center, USA
<https://aqrc.ucdavis.edu/improve>

SELECTED RECENT PUBLIC RESEARCH PROJECTS

2019-2023 Researcher, **PAHsson**, Norwegian Research Council BiA IPN Program

2019 Project leader, "**Characterization of semi-closed furnace blow effects by online flue gas measurements in a novel emissions treatment system**", Norwegian Research Council RFF Agder program

2019 Project Leader, "**Complete PM characterization at Knarrdalstranda: Yara and Eramet Norway Porsgrunn**", industrial contract research

2018 Project Leader, "**Mn concentrations in ambient air around Eramet plants in Norway II**", industrial contract research

2017-2020 Project Leader, "**Real-time management of industrial fugitive dust emissions**", Main Innovation project, Norwegian Research Council RFF Agder Program

2017 Project Leader, "**Mn concentrations in ambient air around Eramet plants in Norway I**", industrial contract research

2015-ongoing Researcher, **SFI Metal Production: Work package on Emission and Environment**;
Review article author, expert in air quality (fence-line) measurements for fugitive emissions

2015-2016 Project leader, "**ENSENSE – Industrial environmental monitoring for the future**", Norwegian Research Council BiA IPN Program

For more information or full CV contact hein@norcereseach.no