

Norwegian Institute for Agricultural and Environmental Research



Institute full name: Norwegian Institute for Agricultural and Environmental Research, Research division of Soil and Environment

Institute acronym: Bioforsk

Institute logo:



Website: www.bioforsk.no

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Institute profile: Bioforsk is a national R&D institute under the Norwegian Ministry of Agriculture and Food with 500 employees. Our head office is located in Ås, near Oslo. Our research divisions are represented in all major regions in Norway. Bioforsk conducts applied and specifically targeted research linked to multifunctional agriculture and rural development, plant sciences, environmental protection and natural resource management. International collaboration is given high priority.

The development of a multifunctional and sustainable Norwegian agriculture, including rural development represents the framework of our agricultural research. Our Research and Development activities (R&D) are aimed at enhancing viable farming based on the diverse agro-ecological conditions, and on the potentials of the agriculture and horticulture crops grown in Norway. Modern field trial and greenhouse facilities are important parts of our research capacity. Food security and safety are the overall objectives in our agricultural research projects. Our R&D activities are directed towards end-users, such as the agro-industry and extension services, as well as policy support at regional and national levels.

Soil, water and wastes, and terrestrial ecosystem processes, represent the overall framework of our environmental R&D activities. Our approach is targeted towards research on processes in terrestrial ecosystems, new technologies for remedial measures and adaptations, and monitoring systems for policy support. Integration of research and science, together with consultancy services, gives a multidisciplinary platform ensuring relevance for end-users and stakeholders.

Bioforsk Soil and Environment has been involved in a number of EU projects and coordinated the following: EuroPeat, Mantra-East, PRIMOSE and STRIVER and are in the coordination role in two ongoing FP7-projects GENESIS and SoilCam and participating in REFRESH and AWARE.

Involved personnel

<i>Name</i>	<i>Contact details</i>	<i>Key qualifications</i>	<i>Photo</i>
Jannes Stolte, Dr.	Tel: +47 922 64 121 jannes.stolte@bioforsk.no	Senior researcher with more than 15 years of experience in fundamental and applied research in the area of watershed management and hydrology, and in participating in and coordinating large (inter)national multidisciplinary research projects. His interest focuses on land-hydrology interactions at different spatial, temporal and climate scales, with special attention to soil physical processes.	
Sigrun Kværnø, Dr.	Tel: +47 926 43 599 sigrun.kvaerno@bioforsk.no	Dr. Sigrun Kværnø is a soil scientist, her main research interests being soil physics/soil hydrology, flow and transport pathways for particles and nutrients, variability, uncertainty and hydrological modeling. She is working for over 10 years at Bioforsk.	
Gro Eggen, M.Sc PhD candidate in WRM	Tel: +47 926 86 413 gro.eggen@bioforsk.no	Researcher who from February 2012 is accepted as PhD-student at Wageningen University. She has mainly been working with soil infiltration with focus on flow and transport in the unsaturated zone, 2D modeling, planning and monitoring of decentralized sewage systems in Norway and monitoring technologies for groundwater.	
Ola Stedje Hanserud, M.Sc	Tel: +47 926 36 783 ola.hanserud@bioforsk.no	Researcher with an interdisciplinary background from development studies and wastewater treatment, and is currently working with naturally based treatment technologies and closed loop systems for wastewater. He also has good knowledge of participatory methods within water and sanitation projects. Ola is fluent in Spanish.	
Johannes Deelstra, M.Sc	Tel: +47 926 99 501 johannes.deelstra@bioforsk.no	Research interests: interaction agriculture and the environment, hydrology and nutrient - and soil loss in small agricultural catchments. Working areas related to environmental monitoring and system design (discharge measurement & water sampling); interaction between climate, agriculture and the environment, role of (agro-) hydrology on runoff, nutrient - and soil loss.	