

CV for Annika Sidelmann Fjordbøge (*1981)

Orcid: 0000-0003-1386-3959

Degrees:

2011 PhD (Environmental Engineering), Technical University of Denmark (DTU)
2005 MSc (Environmental Engineering), Technical University of Denmark (DTU)



Positions:

2018- Senior Researcher, Department of Environmental and Resource Engineering, DTU
2015-2018 Researcher, Department of Environmental Engineering, DTU
2011-2015 Post Doc, Department of Environmental Engineering, DTU
2006-2011 PhD fellow, Department of Environmental Engineering, DTU
2006 Research assistant, Environment and Resources, DTU

Research Area:

Characterization, risk assessment and remediation of contaminated sites with focus on lab and field investigations. Fate of organic contaminants in fractured media; contaminant mass discharge; abiotic reductive dechlorination with iron species; natural and enhanced degradation of pesticides; (de)sorption of organic contaminants; engineered nanoparticles; and contact facilitating remediation technologies.

Distinctions and awards: N/A

Memberships of scientific committees, review:

2018- Member of the review committee for the international conference, NORDROCS

Web of Science publications: 9; **Citations:** 318; **h-index:** 7; **Patents:** 0.

Selected grants, 2017 – present (ongoing or finished in 2017 or later):

The Region of Zealand, “Risk assessment and prioritization of pesticide point sources impacting the groundwater”, Amount granted to Dept: 2,000,000 DKK, Project period: 2021-2023.

Selected publications (2017 or later):

Fjordbøge, AS; Janniche, GS; Jørgensen, TH; Grosen, B; Wealthall, G; Christensen, AG; Kernn-Jespersen, H; Broholm, MM. (2017). Integrity of Clay Till Aquitards to DNAPL Migration: Assessment Using Current and Emerging Characterization Tools. GROUND WATER MONITORING AND REMEDIATION, 37(3), 45-61. doi:10.1111/gwmr.12217.

Fjordbøge, AS; Uthuppu, B; Jakobsen, MH; Fischer, SV; Broholm, MM. (2019). Mobility of electrostatically and sterically stabilized gold nanoparticles (AuNPs) in saturated porous media. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 26(28), 29460-29472. doi:10.1007/s11356-019-06132-8.

Mosthaf, K; Brauns, B; **Fjordbøge, AS;** Rohde, MM; Kernn-Jespersen, H; Bjerg, PL; Binning, PJ; Broholm, MM. (2018). Conceptualization of flow and transport in a limestone aquifer by multiple dedicated hydraulic and tracer tests. JOURNAL OF HYDROLOGY, 561, 532-546. doi:10.1016/j.jhydrol.2018.04.011.

Wen, CY; Broholm, MM; Dong, J; Uthuppu, B; Jakobsen, MH; **Fjordbøge, AS.** (2020). Transport of citrate and polymer coated gold nanoparticles (AuNPs) in porous media: Effect of surface property and Darcy velocity. JOURNAL OF ENVIRONMENTAL SCIENCES, 92, 235-244. doi:10.1016/j.jes.2020.02.026.