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EDUCATION:

1976-1982	Environmental Engineering, Pennsylvania State University	Ph.D.	
1973-1975	Environmental Engineering, Ohio State University		M.Sc.
1969	Aeronautical Engineering, Ohio State University	B.Sc.	

RESEARCH:

2003-1998	Research Professor, Joint appointment in Civil and Environmental Engineering, College of Engineering, UW
1998-	Research Professor, College of Forest Resources, University of Washington
1990-1998	Research Associate Professor, College of Forest Resources, University of Washington
1989-2003	Adjunct Research Professor, Environmental Engineering & Science, Department of Civil Engineering, UW
1989-1990	Research Assistant Professor, College of Forest Resources, University of Washington.
1982-1989	Research Associate, College of Forest Resources, University of Washington, Seattle, Washington.

REVIEWED PUBLICATIONS (MOST RECENT FIRST):

- Ziels, R. M., Lust, M. J., Gough, H. L., **Strand, S. E.**, Stensel, H. D. (in press) Influence of Bioselector Processes on 17 α -ethinylestradiol Biodegradation in Activated Sludge Wastewater Treatment Systems. *Environ. Sci. & Technol.* ** (**) **_**.
- Andeer, P., Stahl, D. A., Lillis, L., **Strand, S. E.** (2013) Identification of microbial populations assimilating nitrogen from RDX in munitions contaminated military training range soils by high sensitivity stable isotope probing. *Environ. Sci. & Technol.* 47 (18) 10356–10363
- Lorenz, A., Rylott, E. L., **Strand, S. E.**, Bruce, N. C. (2013) Towards engineering degradation of the explosive pollutant hexahydro-1,3,5-trinitro-1,3,5-triazine in the rhizosphere. *FEMS Microbiol. Lett.* 340, 49–54.
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- Rylott, E. L., Budarina, M. V., Barker, A., Lorenz, A., **Strand, S. E.**, Bruce, N. C. (2011) Engineering plants for the phytoremediation of RDX in the presence of the co-contaminating explosive TNT. *New Phytologist.* 192 (2) 405-413 .
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- Kang, J. W., Wilkerson, H.-W., Farin, F. M., Bammler, T. K., Beyer, R. P., **Strand, S. E.**, Doty, S. L. (2010) Mammalian cytochrome CYP2E1 triggered differential gene regulation in response to trichloroethylene (TCE) in a transgenic poplar, *Functional & Integrative Genomics.* 10 (2) 417-424.
- Gaulke, L. S., **Strand, S. E.**, Kalthorn, T. F., Stensel, H. D. (2009) Estrogen Biodegradation Kinetics and Estrogenic Activity Reduction for Two Biological Wastewater Treatment Methods. *Environ. Sci. & Technol.* 43 (18) 7111-7116.
- Gaulke, L. S., **Strand, S. E.**, Kalthorn, T. F., Stensel, H. D. (2009) Estrogen Nitration Kinetics and Implications for Wastewater Treatment, *Water Environment Research.* 81 (8) 772-778.
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