

Stefan M. Sievert: Research Projects

[The Role of Sulfur Oxidizing Bacteria in Salt Marsh C and N Cycling](#)

[An Integrated Study of Energy Metabolism, Carbon Fixation, and Colonization Mechanisms in Chemosynthetic Microbial Communities at Deep-Sea Vents](#)

[In Situ Measurement of Rates of Chemoautotrophic Carbon Production at Deep-Sea Hydrothermal Vents](#)

[Metabolic Rates and Growth Efficiency across Redox and Thermal Gradients: An Experimental Study to Constrain Biomass Production at Vents](#)

[Autotrophic Carbon Fixation at a Shallow-water Hydrothermal System: Constraining Microbial Activity, Isotopic and Geochemical Regimes](#)

[Shedding Light on the Dark: Single-Cell Genomics of Uncultivated Epsilonproteobacteria Inhabiting the Sub-Seafloor at Deep-Sea Hydrothermal Vents](#)

[Microbiology and Biogeochemistry of Autotrophic Microbes in the Subsurface at Hydrothermal Vents: Filamentous-Sulfur Producing Bacteria](#)

[Exploring integrative approaches to understand the interaction of microbial biofilms and fluid chemistry on larval settlement at deep-sea hydrothermal vents](#)

[Integration of Deep Ocean Benthic Sampler Technology with Microbial Biogeochemistry of Methane Seeps and Isolation of Piezophilic Deep-Sea Sediment Microbes](#)

[Abundance, diversity, and activity of anaerobic propane- and butane-oxidizing microorganisms at a hydrothermal hydrocarbon seep](#)

[The genome of the epsilonproteobacterial chemolithoautotroph *Sulfurimonas denitrificans*](#)

Last updated: March 13, 2012

Copyright ©2007 Woods Hole Oceanographic Institution, All Rights Reserved.

Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.

E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000

Problems or questions about the site, please contact webdev@whoi.edu