

## **Short Bio**

Dr. E. Sahle-Demessie is a senior research scientist at the US Environmental Protection Agency. He has been with the EPA since 1997. He has received his Ms. and Ph.D. in chemical engineering from Oregon State University. His current research focus includes implications of engineered nanomaterials, biosensors, and developing novel technologies for converting industrial waste and by-products into value added feed stocks. He holds five U.S. patents, has authored more than 100 scientific papers and has 200 presentations and refereed abstracts.

He has received several awards including: *EPA/STD Individual Achievement Awards*, *IGERT Award*, multiple EPA's Science and Technology Achievement Award, *U.S. EPA, Honor Awards*, four U.S. *EPA Path Forward Innovative Project awards*, and in 2013 he has received US EPA Silver Medal for Superior Service.