Hubbard Brook Research Foundation: Mercury Report

Author Bios

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Dr. Driscoll is the University Professor of Environmental Systems Engineering, Syracuse University. His primary research interests include the chemistry of soils and drainage waters and the impact of atmospheric deposition on watershed cycling and chemistry. Dr. Driscoll is conducting several studies on factors that regulate concentrations of mercury in water and fish in remote lakes that are contaminated by atmospheric mercury. He also recently initiated a new mercury research project at the Hubbard Brook Experimental Forest, where he conducted research since 1976. Dr. Driscoll is a principal investigator of a National Science Foundation-funded research effort, Atmospheric Deposition, Transport, Transformations and Bioavailability of Mercury across a Northern Forest Landscape. He was also a member of the National Research Council Committee on Air Quality Management in the U.S. Dr. Driscoll holds a Ph.D. Cornell University in Environmental Engineering. Dr. Driscoll has authored more than 100 journal publications.

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Dr. Evers is the founder and Executive Director of the BioDiversity Research Institute (www.briloon.org). He specializes in research on avian toxicology and patterns of mercury availability in the common loon. Current research projects include the development of a wildlife criterion for mercury using empirical studies at the population level; investigating the relationship between water management and biotic mercury uptake; and determining spatio-temporal mercury exposure profiles in birds and mammals. Dr. Evers also holds leadership positions in the Gulf of Maine Seabird Contaminant Assessment Network and the Global Loon Mercury Monitoring and

Research Program. He earned a Ph.D. in conservation biology from the University of Minnesota and has published more than 40 scholarly papers.

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Thomas M. Holsen is currently a professor in Civil and Environmental Engineering at Clarkson University and co-director of the Clarkson Center for the Environment. He obtained a PhD degree from the University of California at Berkeley in Civil and Environmental Engineering in 1988. His primary research interests include the transport, transformations and fate of hydrophobic organic chemicals, mercury, metals, and ions in a wide array of environmental systems. Recently he has been investigating atmospheric inputs of persistent organic chemicals and mercury to Lake Ontario, the atmospheric deposition and emission of mercury from forested ecosystems, and investigating the transport, deposition and sources of pollutants in New York State. He was a reviewer of several congressionally mandated reports on the importance of atmospheric deposition to the Great Waters, was a member of the EPA Science Advisory Board, and recently testified at a Congressional briefing on the POPs negotiations. He has published extensively on the absolute and relative importance of atmospheric deposition of toxic substances in and their cycling within several large ecosystems. He regularly teaches a graduate course on the transport of pollutants in the environment. He has over 85 publications and has successfully supervised research projects from industrial sources and State and Federal Agencies.