

## **Table of Needs for Estimation of Total Deposition**

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The total deposition science (TDEP) committee became an official part of the National Atmospheric Deposition Program (NADP) during the Fall 2011 NADP Scientific Symposium held in Providence, Rhode Island. The mission of the TDEP committee is to improve estimates of atmospheric deposition by advancing the science of measuring and modeling atmospheric wet, dry and total deposition of species such as sulfur, nitrogen and mercury by providing a forum for the exchange of information on current and emerging issues within a broad multi-organization context consisting of atmospheric scientists, ecosystem scientists, resource managers and policy makers.

In order to accomplish its mission statement the TDEP committee established specific charges, which include 1) support of national atmospheric monitoring networks by providing information on emerging measurement techniques, model development and uncertainties associated with these approaches, 2) identification and prioritization of knowledge gaps in the fields of measuring and modeling of atmospheric deposition, as well as 3) to encourage greater communication and collaboration between groups from different disciplines with interests in atmospheric deposition. To help address these specific charges a 'Table of Needs' was created by the committee as a communication tool in which ongoing, planned, and needed work could be summarized, prioritized and used by agencies and/or groups as justification for research proposals. The Table is a living document that is updated based on input from meeting participants as well as emerging information. The actual table presented in this poster exists in spreadsheet format to facilitate sorting of the various categories based on area of interest.

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