

Customer Spotlight: Environmental Testing Cary Institute of Ecosystem Studies

Millbrook, New York • ecostudies.org



Company Profile:

The Institute of Ecosystem Studies (IES) is dedicated to the creation, dissemination and application of knowledge about ecological systems. This enables people of all ages and backgrounds to understand and be able to use the ideas and methods of ecological science in their daily lives.

Ecological knowledge is created through scientific research, disseminated through teaching, writing and exhibits, and applied through participation in decision-making regarding the ecological management of natural resources and through a promotion of broader awareness about the importance of ecological relationships to human welfare.

Founded in 1983 by the eminent ecologist Dr. Gene E. Likens, IES is a world-renowned leader in applying the ecosystem approach to some of society's most pressing problems, from the quantity and quality of freshwater resources to the health of our forests. The unbiased scientific information produced by IES scientists is essential to sound environmental policy, management decisions, and education curricula.

Their Challenge:

The Institute is one of the largest ecological programs in the world. More important than its size, however, is the quality of its output. Books and articles authored by IES ecologists influence scientists and policy makers. IES-generated curricula are building essential bridges between ecological thinking and classroom instruction. Conferences and workshops held onsite encourage dialogue and information exchange.

Globally relevant, IES research is truly science in the service of society: a society that understands and appreciates ecological systems is much more likely to protect them for future generations.

Our Solution:



At the IES Central Analytical Laboratory, Sample Master® LIMS is being used to efficiently manage the ecological samples that are analyzed. Thanks to instrument integration and seamless migration of the data into the LIMS, the analytical laboratory staff is able to focus on data reduction rather than data entry.

The Institute also hosts both long and short-term visits by scientists for research and collaboration with the 20-plus member IES scientific staff. Visitors have the opportunity to learn new procedures in analytical chemistry and data management. IES scientists also participate in collaborations with students from many different universities including the University of Connecticut, Rutgers University and Yale University.

The Analytical Laboratory at IES depends on Sample Master® to manage its valuable research data, and to provide control charts and trend analysis through to the creation of final reports.

“Our lab processes over 50,000 analyses annually; samples are submitted from a variety of research projects located locally and from around the world. Whether we have seasonal cloud water samples from Chile or long term monitoring samples from the Hubbard Brook Ecosystem Study, we can count on Sample Master® to maintain the integrity of our data.”

Denise Schmidt, Laboratory Manager
The Institute of Ecosystem Studies
Analytical Laboratory

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