



# New York State Pollution Prevention Institute (NYSP2I)

## **POLLUTION PREVENTION TOOLS AND TECHNIQUES FOR NYSDEC TECHNICAL STAFF**

### Course Description

This course is designed to provide information on specific tools and techniques used to identify, prioritize, and implement pollution prevention (P2) programs in manufacturing companies, not-for-profit organizations, commercial and community organizations, public sector entities, and educational facilities and schools. This will be a hands-on course involving the use of Excel spreadsheets for calculation of economic benefits, checklists for identifying appropriate P2 opportunities at a high level and detailed level, and green value stream mapping tools for coupling energy and environmental considerations into lean manufacturing techniques. This intensive course is designed for technical staff such as environmental engineers and scientists.

The course will include detailed examinations of companies that have successfully implemented P2 programs in manufacturing companies, and participants will also be instructed in engineering economics topics such as internal rate of return and net present value. The course will consist of six one-hour modules to be covered in an 8.5 hour day.