

Survey of Residential Wood Combustion Activity and Development of Emissions Inventory

Megan Schuster, Susan S.G. Wierman
MARAMA, 711 West 40th Street, Suite 312, Baltimore, MD 21211
mschuster@marama.org
swierman@marama.org

Stephen M. Roe, Holly C. Lindquist
E.H. Pechan & Associates, Inc., P.O. Box 1345, El Dorado, CA 95623
sroe@pechan.com
holly.lindquist@pechan.com

Michael Sullivan, Leslie Derbin, Katrin Ewald
Population Research Systems, 100 Spear Street, Suite 1700, San Francisco, CA 94105
MichaelSullivan@fscgroup.com
LeslieDerbin@fsc-research.com
KatrinEwald@fsc-research.com

DESCRIPTION

The Emissions Inventory Improvement Program (EIIP) suggests using a survey method for collecting activity data on residential wood combustion (RWC). This paper describes the development of a sample frame and survey methodology for gathering RWC activity data, survey implementation, methods for developing an emissions inventory from survey data, and the resulting emission estimates. This paper will discuss the statistical model developed to estimate emissions from residential wood combustion activity. It will also compare the resulting MANE-VU RWC emissions inventory to the National Emissions Inventory (NEI).