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Purpose of Workbook

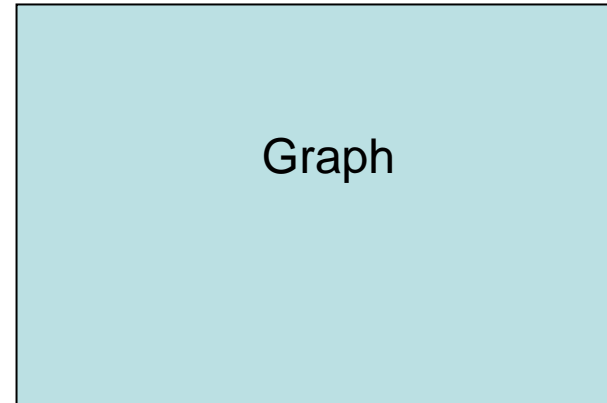
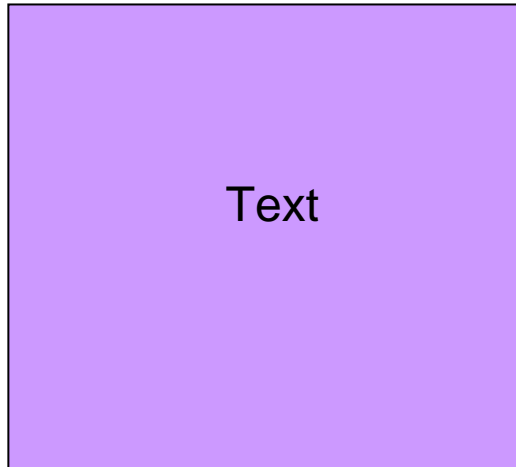
- This workbook is intended to guide users of the EPA's multivariate receptor models through the processes of
 - developing data sets appropriate for receptor modeling,
 - evaluating whether a receptor model is fitting the data well enough that the results should be interpreted, and
 - interpreting the modeling results (if the fitting is reasonable).
- Currently, the workbook
 - focuses on PM_{2.5} applications only,
 - applies to EPA PMF 1.1 and EPA Unmix 3.0,
 - covers development of data sets and evaluation of models' fitting of that data, and
 - provides an overview for interpreting the modeling results; however, this section is incomplete at this time.
- This workbook will be periodically expanded and modified as more analyses and diagnostics are added to the models

Guide to Workbook (1 of 2)

- The workbook is broken into sections
 - Overview of Receptor Modeling
 - Building Input Data Sets
 - Evaluating Receptor Model's Fitting of Data
 - Interpreting Model Results
- Within each section there is
 - an overview,
 - material relevant to the section, and
 - a checklist or summary of the important steps covered.
- Each page of the workbook is formatted so it is easy to understand
 - the source of the material and how graphics were generated,
 - the section and subsection being covered, and
 - the version (indicated by the date) of the document.

Guide to Workbook (2 of 2)

Topic Area *Subtopic*



Caption – how the graph was produced, graph source, and interpretation of information

Date (for version control)

August 2005

Section Topic

Section 1 – Introduction

Slide number