

Wikiprint Book

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Welcome to Emission Manager users' guide

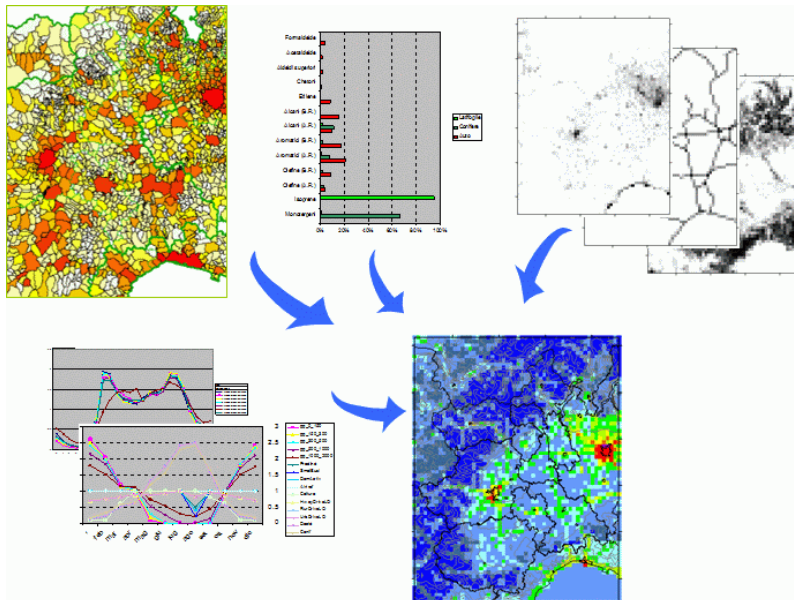
Modular processing system for model-ready emission input preparation

This guide is organized in the following sections:

- [Introduction](#): gives an overview of Emission Manager architecture and working mode
- [Input database](#): describes the formats of all input files constituting the Emission Manager input database for a given application
- [Modules reference](#): description of all the individual computational modules (purpose & functions, input/output, calling syntax)
- [EMMA shell commands](#): set of preset shell commands and procedures helping the automated creation of emission input for air quality models through a coordinated use of Emission Manager

Other files formats are illustrated in the [Appendix](#).

[Alphabetical index of manual pages](#).



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Input database

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- [Common features and conventions](#)
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Area sources client file (SRF)

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Time-dependent filesModulation files

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- [Daily modulation profiles file](#)
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- [Categories-based modulation profiles mapping file](#)

Files for time-varying modification of sources emissions

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- [Sources-specific modification factors mapping file](#)
- [Categories-based modification factors mapping file](#)

Hour-by-hour modulation files

- [Hour-by-hour modulation profiles file](#)
- [Sources-specific hour-by-hour modulation profiles mapping file](#)
- [Categories-based hour-by-hour modulation profiles mapping file](#)
- [Parameters file for temperature-dependent modulation, by climatic zone](#)
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- [Continuous emission monitoring systems \(CEMS\) files](#)

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- [Polygons-to-grid intersections file](#)
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- [Categories - thematic layers mapping file \(SNAP-CRS\)](#)

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 - [TRLGSP](#)
 - [TRLLIN](#)
 - [TRLCRS](#)
- Generation of "pemtim" files from time series of data
 - [INEMOS](#)
- Dealing with species
 - [SPICE](#)
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- Dealing with time
 - [CRTEMP](#)
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- Grid allocation
 - [LIGREC](#)
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Example batch files to run EMGR modules

EMMA shell commands

System description and architecture

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- [Installation](#)
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Shell commands reference

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Appendix - Other files formats

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- [PEMSPE](#)
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- [INEMOS initialization file](#)
- [Emissions modification factors file \(POLMOD\)](#)
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