

Wikiprint Book

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Welcome to Emission Manager users' guide

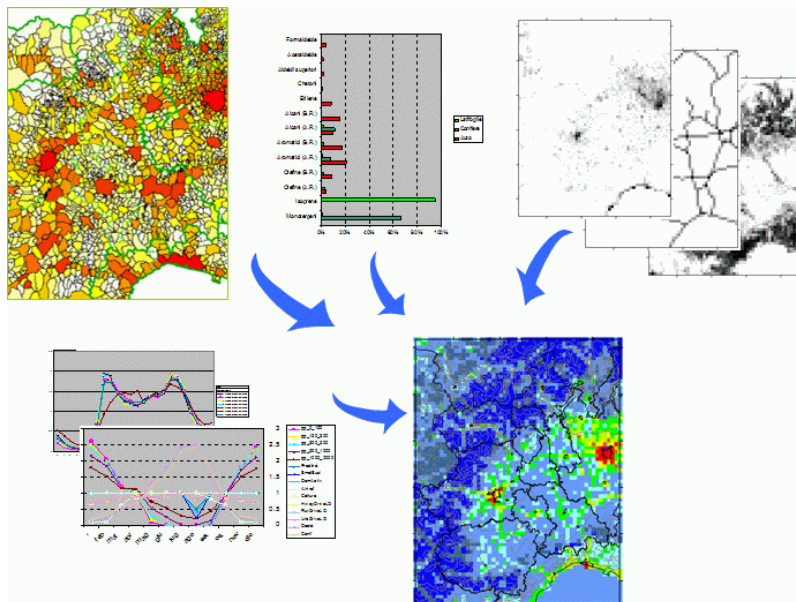
Modular processing system for model-ready emission input preparation

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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- [Use of Emission Manager modules](#)
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Input database

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- [Reference classification scheme](#)

[Time-independent "client files"](#)

- [Common features and conventions](#)
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- [Line sources client file \(LIN\)](#)
 - [simplified file](#)
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Area sources client file (SRF)

- [simplified file](#)
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Time-dependent filesModulation files

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

Species split/speciation

- [Splitting profiles database](#)
- [Categories-based split profiles mapping file](#)
- [Sources-specific split profiles mapping file](#)

Geographic references

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

Modules reference**Modules glossary****General modules**

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 - [TRLGSP](#)
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- Generation of "pemtim" files from time series of data
 - [INEMOS](#)
- Dealing with species
 - [SPICE](#)
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- Dealing with time
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 - [MODGRID](#)
- Grid allocation
 - [LIGREC](#)
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- Other modules
 - [ALTEMI](#)
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- [PEMSOM](#)
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- [PEMMOD](#)
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- Pre-processing modules
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Model-specific modules

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Example batch files to run EMGR modules

EMMA shell commands

System description and architecture

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- [Installation](#)
- [System configuration: emma_config.mak](#)

"Case" structure

- [Input files and directories structure](#)
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- [SPRAY](#)
- [FARM](#)
- [Logfiles and error tracking](#)

Shell commands reference

Top-level commands

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