**“DePaSITIA v.1.0”: documentation file**

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“The numerical tool ‘DePaSITIA v.1.0’ is realised by RSE SpA thanks to the funding ‘Fondo di Ricerca per il Sistema Elettrico’ within the frame of Program Agreements between RSE SpA and the Italian Ministry of Economic Development (Ministero dello Sviluppo Economico).”

## Acknowledgments

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## Description and references

“DePaSITIA v.1.0” (RSE SpA) is a Fortran library, which represents a Deposition scheme for Particulate matter with Sedimentation, Inertial impaction, Turbulent impaction, Interception and Adhesion/bouncing (pollutant dispersion). With Copyright 2019 (RSE SpA), “DePaSITIA v.1.0” is written by Andrea Amicarelli (andrea.amicarelli@rse-web.it).

“DePaSITIA v.1.0” is free software released under the GNU Lesser General Public License (Free Software Foundation). The reference guide for DePaSITIA v.1.0 is the following manuscript: Amicarelli A. et al.; A dry deposition scheme for particulate matter coupled with a Lagrangian Stochastic model for micro-scale air quality; to be submitted to Environmental Fluid Mechanics.

## Notes

“DePaSITIA v.1.0” (RSE SpA) has also been integrated in SPRAY-WEB v1.0 (Università del Piemonte Orientale et al.; under the main folder of the software repository), a code for micro-scale air quality. For further details, please contact the Software Manager of SPRAY-WEB (http://sprayweb.isac.cnr.it).