"DEM2xyz v.1.0": documentation file

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It is also mandatory to cite the use of "DEM2xyz v.1.0 (RSE SpA)" in all the related publications, reports and dissemination tools and media, by means of the following citation:

"The minor tool "DEM2xyz v.1.0" is realised by RSE SpA thanks to the funding "Fondo di Ricerca per il Sistema Elettrico" within the frame of a Program Agreement between RSE SpA and the Italian Ministry of Economic Development (Ministero dello Sviluppo Economico)."

3. Acknowledgments

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4. Description and references

"DEM2xyz v.1.0" (RSE SpA) reads a "DEM" file and writes the associated DEM (or DTM) in a corresponding "xyz" file, possibly changing the spatial resolution (as requested by the user).

With Copyright 2016 (RSE SpA), "DEM2xyz v.1.0" is written by Andrea Amicarelli (email address: andrea.amicarelli@rse-web.it).

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5. Notes

The format of the input "DEM" file should be slightly modified to match the following format:
"

ncols   <integer>
nrows   <integer>
xllcorner   <real>
yllcorner   <real>
cellsize   <real> <integer: spatial_resolution_fraction>
NODATA_value -9999
"

The spatial resolution fraction is defined as the ratio between the spatial resolution in output and the spatial resolution in input.