

Application of the improved version of CONDOR to the Greater Thessaloniki area



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Abstract

A new version of the diagnostic wind model CONDOR [1] for generating mass-consistent, three-dimensional wind fields has been developed by using an interpolation procedure which takes into account the probabilities of various wind directions. Results of this new version of CONDOR are compared with corresponding results of the original model version for the case of locally circulating flows. Specifically, both model versions are applied to the Greater Thessaloniki area for one typical sea breeze day in September 1991. The comparison is based on data collected in the frame of the Thessaloniki 1991 Field Measurement Campaign

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This version of CONDOR is NOT using any constraints and is uniprocessor only. You can obtain a full-featured executable (binary) of CONDOR at the website of Frank Vanden Berghen. The simplest way to interface CONDOR with an external objective function is to use the XML interface. A full documentation of this interface is available at the website of Frank Vanden Berghen. It's usefull to see the impact of the adjustment of an aggregation function. matconvert convert saved condor-matrices from binary format to ascii format. - amplOptimizer: Condor with ampl input. This is currently a very primitive ampl reader. You must first generate by hand an .nl file and submit it to condor. In order to support the health authorities, Condor is obliged to collect your contact data as your address where you will stay in Germany. Please thoughtfully fill out the form we provide to you and hand it over to our flight attendants. For more information please contact the health authority personnel at your arrival airport test center. If your holiday could not take place so far due to the impact of Covid-19, you have the possibility to use your personal Condor flight credit individually. Use your Condor flight credit to make your travel plans as flexible as you want them to be. Of course we will refund the amount of your ticket if you so desire. All the information you need to use your flight credit. Newsletter. Application of the improved version of CONDOR to the greater Thessaloniki area. January 1995. Nicolas Moussiopoulos. V. Megariti. F. Grassmann. Results of this new version of CONDOR are compared with corresponding results of the original model version for the case of locally circulating flows. [Show full abstract] Specifically, both model versions are applied to the Greater Thessaloniki area for one typical sea breeze day in September 1991. The comparison is based on data collected in the frame of the Thessaloniki 1991 Field Measurement Campaign. The model results reveal the superiority of interpolating wind measurements in a physically more realistic manner. Read more.