HOW TO ORGANIZE YOUR WORK FOLDERS AERMAP/AERMET/AERMOD

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• Create a folder for each stage of the model run (AERMET, AERMAP and AERMOD) and one extra folder for any test you will make during the modeling;

Participant in the second seco AERMAP AERMET AERMOD Testes Inside AERMAP folder, include on 'Backup' folder, • Backup 📧 aermap S21W41.DEM

aermap

🛂 aermap_exe

- because everytime you run the model the previous output files are lost and new ones are created (unless you change their names ervery run).
- This way you can preseve previous run if you need to test something



- In this folder still, you should include the aermap executable file that can be downloaded at: <u>https://www.epa.gov/scram/air-quality-dispersion-</u> modeling-related-model-support-programs
- Moreover, it must contain the input file (in this case a digital elevation file .DEM) and the preprocessor instructions 'aermap.inp' (.INP)



- In AERMET folder, it is good practice to create a single folder for every stage of the run;
- Just like in AERMAP folder, it is advised to have a Backup' folder to save output files of each stage. The same could be created inside each subfolder instead











Backup
AERMAP.ROU
aermod
aermod
EAS_2009
EAS_2009_REV.PFL

- This folder should contain the AERMOD executable file that can be downloaded at: <u>https://www.epa.gov/scram/air-quality-dispersion-</u> <u>modeling-preferred-and-recommended-models</u>
- Moreover, it should contain the output data from AERMAP (.ROU and .SOU) and .PFL e .SFC output data from AERMET Stage 3.
- It sould also have the instructions given by the 'aermod.inp' input file (.INP)

Teste 1 - Descricao Teste 2 - Descricao

Teste 3 - Descricao

- How this folder is organized depends on the user. The reccomendation is to include the test number, followed by a brief description. Also organize it chronologically. Inside each test folder, a .TXT file could decribe in details the test, and last update changes and date;
- Very useful when a major change must be performed (example: opt to run dry deposition schemes);
- It can contain only the output files or every file in each run





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