

Tools for model-measurement comparison and data processing

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"HOW-TO:"

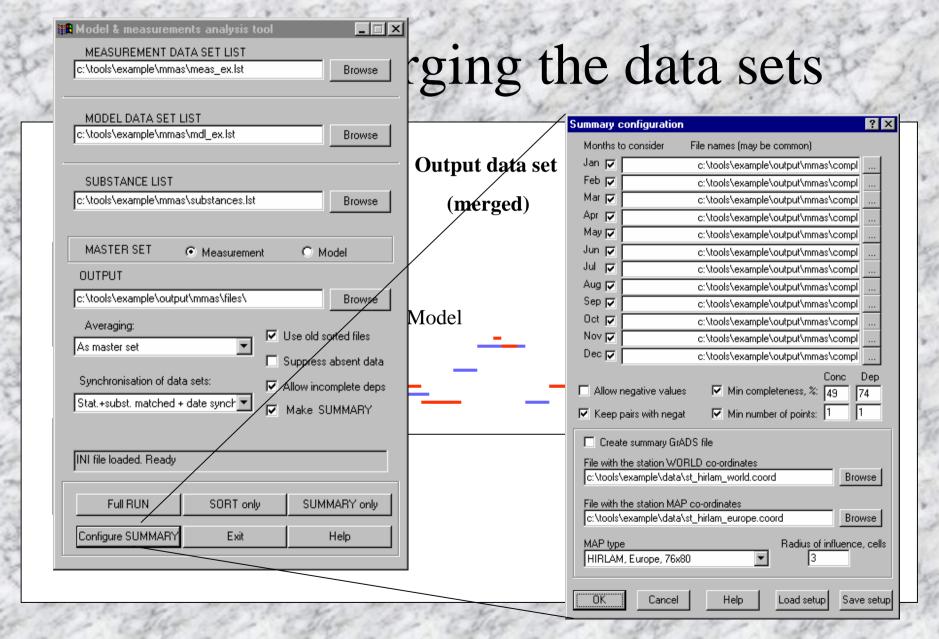
- ... merge and compare 2 independent, not fully regular data sets (holes, irregular averaging, ...)?
- ... derive the common picture from several similar data sets: model ensemble ?
- ... make these easily?



Model and Measurement Analysis Software

- ... merges two arbitrary time-dependent data sets
- ... computes series of statistical functions for the merged sets
- ... presents the results in ASCII text output and graphic binary formats







MMAS. Output parameters

- Over 20 different statistics describing site-wise temporal agreement between the provided datasets: averages, correlations, biases, linear regression, figure of merit, trends, arrival and departure of plumes, etc.
 - All computed variables are provided with confidence estimates
- Data are provided as ASCII files and as GrADS binary maps for further spatial analysis of the datasets correspondence



Statistical Ensemble creation Tool

• ... creates an ensemble average from several data sets with similar features: Statistical Ensemble Model (SEM)

	Statistical Ensemble creation	_ 🗆 ×		THE PROPERTY OF
	List of the models c:\tools\example\set\sam_make_example.ini Averaging of models for SAM:	Browse Min Nbr of values		
	Arithmetic mean over models	2		
Initi	SAM file name c:\tools\example\output\sam.mdl	Browse	SEM	
	Ready SAM_station Exit	Help		
P 6 444 115 P			C 100 1 G MAS	E ASE



Right tools may save your efforts...

