



INDECIS QUALITY CONTROL Software Suite (INQC).

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The INDECIS project (see www.indecis.eu) includes 16 institutions from 12 countries and intends to maximize the benefits achievable from the use of observational data across Europe to develop climate indicators and climate services useful to assess the effects of climate variability, including extreme events, and climate change over socioeconomic systems. INDECIS is starting its second year of work and has already produced its first results. We here present the INDECIS Quality Control Software Suite (INQC), developed under the project. This suite contains a series of tests to evaluate quality issues in the ECA&D dataset or in any daily climate dataset and most essential climate variables. The performance of the software is evaluated with another product from INDECIS, the Baboon Benchmark. This benchmark, based on KNMI's regional climate model, reproduces realistic quality control and homogenization problems. Here we present performance statistics from the Baboon Benchmark-based Evaluation and an analysis of the tests performed over the ECA&D dataset. Both the software and the benchmark are free to use and available from INDECIS' website (www.indecis.eu)

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