

Data Quality Control Procedures within the Common European Phenological Data Platform COST 725

A. Ůust (1), A. SuŹnik (1), B. Habiè (1)

(1) Environmental Agency of Republic of Slovenia (ana.zust@gov.si / +386 1 478 4074)

Phenological phase appearances data are important information to quantify the impact of weather and climate variability. Phenological monitoring is carried out in many European countries. In order to extend the data source to a broad European area a reference data set of phenological observations was established as common phenological data platform within the COST 725 Action. Its most important objective is to join the data provided by different national phenological monitoring and to formulate a qualitative database for further climatological studies especially climate monitoring and detection of climate change. Twenty-six European countries joined the action up to April 2006. Data contributed in the common data platform have different origins as they were provided by different national networks and different institutions. Therefore different approaches in providing the data quality control were used. To provide potential data users with the information about the quality level of the data the inventory of national quality control procedures has been performed. The inventory served as the base for establishing the measures (identifying of outliers) of common cross border quality check which will be additionally supplemented by further steps based on spatial and temporal analysis. In the paper the results of the questionnaire survey on data quality control procedures reported from data contributing countries and the synthesis of common outlines is presented.