

DELIVERY REPORT

Project: Delivery of ROVE database

Purchase Order N. : 5001007793

Date: 25 September 2012

Author: Martin Vissers (SarVision)



Background

In 1993 Mr. Henk van Kasteren of CABO transferred an Oracle dump with the ROVE database to Mr. Dirk Hoekman of Wageningen University, Dept. of Water Resources for archiving. Mr. Hoekman entrusted in 2000 SarVision with archiving of this database.

Database processing

Because SarVision does not have the Oracle environment available, an intensive search among colleagues and the internet was executed to open up the Oracle dump.

The Oracle dump was finally extracted to 40 single ASCII tables and a SQL export file.

All ASCII table were compiled into one Excel file with 40 worksheets, the original Dutch table headers were added and expanded with English headers. The Excel file was extended with one missing table (derived from the report) and a description of the separate tables/worksheets.

The printed report, describing the ROVE database was not available digital. The report was scanned in high resolution and exported as a PDF-file. This PDF file was processed with OCR software (Optical Character Recognition) to create a searchable document.

This report, the Description of the ROVE database, is an important document for the database and should be an integral part of the database. The user of the database should take the time to study this document for a full understanding of the contents of the database.

Main tables are: ROVE_75 ROVE_81, there all radar measurements and the main groundtruth are put together in one worksheet per year. Derived from these tables are the tables GAM_AA GAM_ZT. They show all all radar measurements and little groundtruth per crop. The other tables contain average, min and max measurements (JUL_...) extensive groundtruth and codes and description for the experiments (Farms, field and plotnumbers, soilcodes etc...). The description of all tables/worksheets can be found in the first worksheet 'Table description'.

