

Release notes

DAM 19.3.4

11-10-2023

New features

- MWDAM-1925 *DDAMStiWriter.exe* tool: in order to solve the multi access problems with the DGSMStabDAM.dll (which occur in a multi core use of DAM), the new stand alone console application DDAMStiWriter is created. This tool replaces the functionality of writing textitsti files for use in D-Geo Stability that was provided by the dll. By using an application rather than a dll, problems caused by shared memory are solved.

Fixed bugs

- MWDAM-1906 *DAM Engine* : some objects that are used during the actual individual calculation of a schematized dike (per location, per soil profile, per scenario) were not thread safe. Therefore the data used per calculation could become mingled during a multi core use of DAM. This has now been solved.
- MWDAM-1925 *soil.mdb* access database: DAM 19.3 uses a access database (soil.mdb) as source for all soil parameters. Although this database supports multi access, the number of simultaneous connections allowed is pretty limited. To cope with this in a multi core environment, special code for connecting to the database was needed to solve problems with connections in a multi core environment.