

THE NATIONAL SPATIAL DATA INFRASTRUCTURE AND THE REFLECTION ON THE EXPECTED ROLE OF CARTOGRAPHY AND GIS PRODUCTS PROVIDED BY THE T. G. MASARYK WATER RESEARCH INSTITUTE, P. R. I.

SOVJAKOVA, E.

TGM Water Research Institute, p. r. i.

Keywords: Spatial data Infrastructures (SDI) – National level of Spatial Data Infrastructure (NIPI) – Information and communication technology (ICT) – Literal search of the CEN/TR 15449 – Standardization – Best practices – Spatial Data Product Specification – River Network Section Model (RNSM) – Watersheds Spatial Data Rectification – Measures of Data Quality of the RNSM

The article shows the case of the best practice in the interdisciplinary management of the Spatial Data Set within River Network Section Model based on excellent cooperation of T. G. Masaryk Water Research Institute, p. r. i., with the Czech Office for Surveying, Mapping and Cadastre and the Czech Hydro-meteorological Institute. The literal search focusing on the Technical report CEN/TR 15449, Parts 1–5 is presented as the background for this description. In addition, the explanatory information about the standardization processes at the international, European and national level is provided. The European horizon of the CEN Technical report enables to draw first expectations of the outcome of processes on the national level specified by the Action Plan for the Spatial Data Infrastructure in the scope of the Czech Republic which the Ministry of Interior of the Czech Republic is responsible for.