

The Hydrological Atlas of Austria – comprehensive transfer of hydrological knowledge and data to engineers, water resources managers and the public

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Abstract The Hydrological Atlas of Austria (HAA) is presented as an effective and efficient tool to provide spatial hydrological information consistently for the whole country to engineers, water resources managers and the public. The information is cartographically communicated on 52 map sheets, with a total of more than 100 thematic maps. The structure of the atlas shows the different components of the hydrological cycle; it has chapters considering water and mass balances, and covers the themes of water management as well as those of water-related environmental issues. Being a dual-mode product, the printed version is accompanied by a digital, GIS-based version on CD-ROM, including convenient viewing software and the data sets in industry-standard GIS formats. Only one year after publication, a wide range of applications is reported, both by administrative institutions and civil engineers.

Key words hydrology; water resources; hydrological atlas; information system; GIS; Austria