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## Storm Drainage Design Project for the River Thaw

By Muhammed Ernur Akiner

GRIN Verlag GmbH Jan 2015, 2015. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Seminar paper from the year 2015 in the subject Geography / Earth Science - Physical Geography, Geomorphology, Environmental Studies, grade: 3, , language: English, abstract: Hydrology has been defined as the study of the occurrence, circulation and distribution of water over the world's surface. It covers a vast area of endeavour and is not the exclusive preserve of civil engineers. Engineering hydrology is concerned with the quantitative relationship between rainfall and runoff and, in particular, with the magnitude and time variations of runoff. This is because all water resource schemes require such estimates to be made before design of the relevant structures may proceed (Chow et al., 1988). Examples include reservoir design, flood alleviation schemes and land drainage. Each of these examples involves different aspects of engineering hydrology, and all involve subsequent hydraulic analysis before safe and economical structures can be constructed (Viessman et al., 1989). The most common use of engineering hydrology is the prediction of design events. This may be considered analogous to the estimation of design loads on structures. Design events do not...



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