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## Urban and Highway Stormwater Pollution (Hardback)

By Thorkild Hvitved-Jacobsen, Jes Vollertsen, Asbjørn Haaning Nielsen

Taylor Francis Inc, United States, 2010. Hardback. Condition: New. Language: English . Brand New Book. As the world population grows, already burgeoning cities are becoming taxed in every conceivable way. One topic that receives few headlines, but significantly impacts an area's quality of health and economic development is the challenge to maintain sustainable urban drainage (SUD). Poor drainage can hamper transportation, add to problems of pollution, and compromise essential clean water resources. While a number of references concentrate on the hydrology, hydraulics, and transport phenomena relevant for urban drainage, we must recognize that any solution requires a more comprehensive consideration of the problem. Urban and Highway Stormwater Pollution: Concepts and Engineering offers a comprehensive text on wet weather pollution originating from urban drainage and road runoff. Bringing together the empirical and theoretical approaches needed to mitigate the problem, this volume: \* Provides a basic understanding of sources, pathways, and impacts of pollutants associated with wet weather hydrologic cycles occurring in areas with impervious or semi-impervious surfaces \* Examines wet weather pollutant discharges into streams, lakes, and coastal waters, as well as soil systems \* Details tools to quantify physical, chemical, and biological characteristics associated with wet weather pollution and...


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