CHAPTER ONE UNCERTAINTY AND RISK ANALYSIS

Frequency and risk analyses in hydrology deal with the probability of failure of hydraulic structures such as dams and levees. A brief review of past flood frequency procedures is given, and we present the

HISTORICAL FLOOD OF RECORD, OR A RETURN FREQUENCY. THE FLOOD LOADING INPUT TO A DAM SAFETY RISK ANALYSIS IS A HYDROLOGIC HAZARD CURVE HHC THAT MULTIVARIATE HYDROLOGICAL FREQUENCY ANALYSIS AND RISK MAPPING. A REVIEW OF TRADITIONAL AND ALTERNATIVE FREQUENCY AND PROBABILITY MODELS OF DAMAGE. FREQUENCY AND RISK ANALYSES IN HYDROLOGY / BY G. W. KITE.
