1. Record Nr. UNINA9910506394803321

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Titolo	Frequency Analyses of Natural Extreme Events : A Spreadsheets Approach / / by Jose A. Raynal Villaseñor
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-86390-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (419 pages)
Collana	Earth and Environmental Sciences Library, , 2730-6682
Disciplina	363.349
Soggetti	Natural disasters Geology Geotechnical engineering Natural Hazards Geotechnical Engineering and Applied Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Basic Notions of Probability and Statistics for Flood -- Normal Distribution -- Log-Normal Distribution with 2 parameters -- Log-Normal Distribution with 3 parameters -- Gamma Distribution -- Pearson Type III Distribution -- Log-Pearson Type III Distribution -- Extreme Value type I Distribution -- General Extreme Value Distribution -- Log-Normal Distribution with 3 parameters for the Minima -- Pearson Type III Distribution for the Minima -- Extreme Value Type III Distribution for the Minima -- General Extreme Value Distribution for the Minima. .
Sommario/riassunto	This book is of paramount importance in the fields of engineering and applied sciences, given that through the values obtained by these procedures, many structures, like spillways of dams and highway culverts, are designed and constructed. The main aim of this book is to provide procedures for implementing many probability distribution functions, all of them based on using a standard and a common computational application known as Excel, which is available to any personal computer user. The computer procedures are given in enough detail, so readers can develop their own Excel worksheets. All the

probability distribution functions in the book have schemes to estimate its parameters, quantiles, and confidence limits through the methods of moments and maximum likelihood.