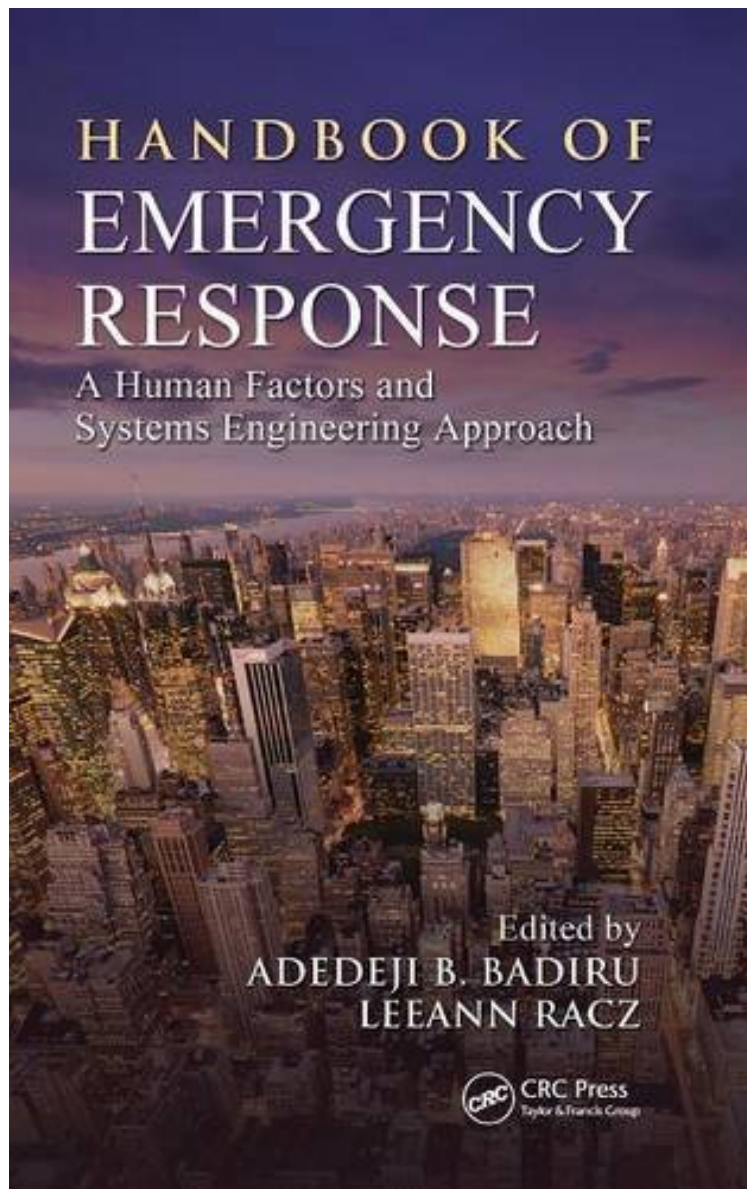


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Handbook of Emergency Response: A Human Factors and Systems Engineering Approach (Systems Innovation Book Series)

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#2044900 in Books Adedeji B Badiru 2013-08-22Original language:EnglishPDF # 1 9.21 x 1.56 x 6.14l, 2.69 #File Name: 1466514566758 pagesHandbook of Emergency Response | File size: 67.Mb

From Adedeji B Badiru : Handbook of Emergency Response: A Human Factors and Systems Engineering Approach (Systems Innovation Book Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised Handbook of Emergency Response: A Human Factors and Systems Engineering Approach

(Systems Innovation Book Series):

0 of 0 people found the following review helpful. Not so much...By FDTower1Had to use this book for a college class and it is easily one of those books you use for class but will NEVER reference again. The author has a page full of previous titles he has written, all in the industrial engineering and process field...this being a single foray into emergency management. It shows as he has taken many existing EM, NIMS and disaster management topics and concepts, rewritten them with a bunch of extra fluff and then renames them. I think if the author were to get rid of 3/4 of the irrelevant "stuff" in this book and try to understand who the end user audience is before writing such a book, we might get something out of it. But that's just my opinion...

Despite preemptive preparations, disasters can and do occur. Whether natural disasters, catastrophic accidents, or terrorist attacks, the risk cannot be completely eliminated. A carefully prepared response is your best defense. Handbook of Emergency Response: A Human Factors and Systems Engineering Approach presents practical advice and guidelines on how to plan the coordinated execution of emergency response. A useful tool to mitigate logistical problems that often follow disasters or extreme events, the core of this guide is the role of human factors in emergency response project management. The handbook provides a systematic structure for communication, cooperation, and coordination. It highlights what must be done and when, and how to identify the resources required for each effort. The book tackles cutting-edge research in topics such as evacuation planning, chemical agent sensor placement, and riverflow prediction. It offers strategies for establishing an effective training program for first responders and insightful advice in managing waste associated with disasters. Managing a project in the wake of a tragedy is complicated and involves various emotional, sentimental, reactive, and chaotic responses. This is the time that a structured communication model is most needed. Having a guiding model for emergency response can help put things in proper focus. This book provides that model. It guides you through planning for and responding to various emergencies and in overcoming the challenges in these tasks.

" logical and quantitative approaches have great values in the emergency response practices. This book is a comprehensive collection of methods and technologies with such approaches. I recommend this book we can learn a lot about the systems approach."Tomoichi Sato