



THE BENEFITS OF BEHAVIORAL RESEARCH TO THE FIRE SERVICE HUMAN BEHAVIOR IN FIRES AND EMERGENCIES

By Peter Blaich

iUniverse, Inc. Paperback. Book Condition: New. Paperback. 152 pages. Dimensions: 9.0in. x 5.9in. x 0.5in. Previously, Fire Safety Engineers worked under a simple assumption that when a fire alarm activated, people will evacuation immediately. It was believed that how quickly people managed to evacuate a building depended mainly on physical abilities as well as the location of the nearest exit and the behavior of the fire. But work by Behavioral Scientists has found that this idea falls considerably short. Research now shows that as much as two thirds of the time it takes occupants to exit a building after the fire alarm sounds is startup time or time spent milling about and looking for more information. Ultimately, such a finding has big implications for architects, engineers and fire protection specialists hoping to design safer buildings. Subsequently, after the 911 terrorists attack this new way of thinking based on Human Behavior in Fire and Emergencies is getting more attention and funding. Studying how occupants react as events unfolded and finding out what helped or hindered the evacuation efforts during the 911 attacks has provided invaluable information for future building designs. Ultimately, it is the author of this book believes that this is...



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