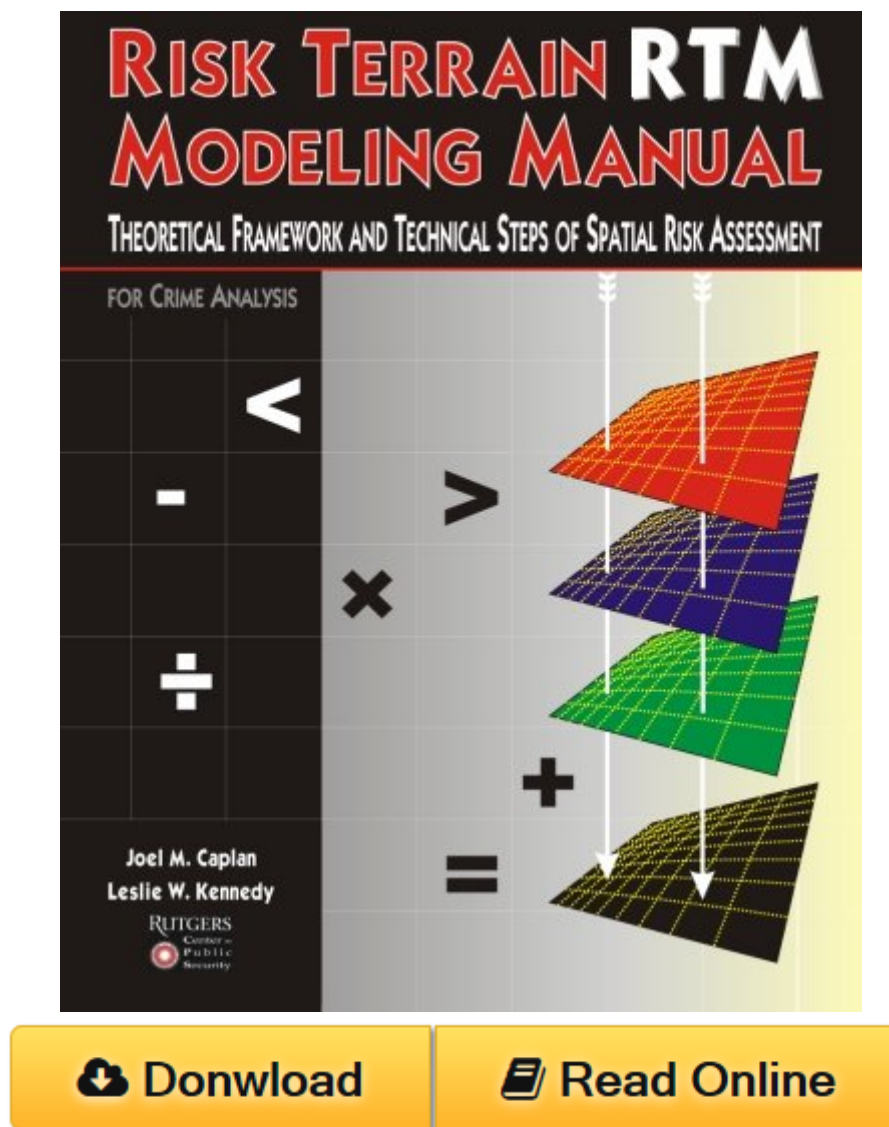


# Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis PDF



Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis by Joel M. Caplan Ph.D., Leslie W. Kennedy Ph.D. ISBN 1453698531

RISK TERRAIN MODELING (RTM) is an approach to risk assessment that standardizes risk factors to common geographic units over a continuous surface. Separate map layers representing the presence, absence, or intensity of each risk factor at every place throughout a terrain is created in a Geographic Information System (GIS), and then all risk map layers are combined to produce a composite "risk terrain" map with attribute values that account for all risk factors at every location throughout the geography. RTM aids in strategic decision-making and tactical action by showing

where conditions are ripe for events to occur in the future. This manual is offered as a primer on risk in the criminal event and demonstrates effective ways to apply RTM to crime analysis and policing operations. It begins with a review of the RTM approach to spatial risk assessment and presents a short overview of the theoretical underpinnings of criminological theory that have addressed the social and environmental factors that contribute to crime patterns, hotspots, and risk terrains. The second part details the technical steps for analysts to take in using ArcGIS software to develop risk terrain maps. The third and final part presents ideas of how RTM works in strategic and tactical decision-making, particularly within the context of the ACTION model for risk-based intelligence-led policing. With this manual, analysts can produce risk terrain maps that give actionable meaning to the relationships that exist between place-based indicators and crime outcomes. Planners can use this approach to develop strategic models to forecast where crime problems are likely to emerge and to engage in steps that might reduce risks of crime occurring in the future.

## **Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis Review**

This Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment for Crime Analysis having great arrangement in word and layout, so you will not really feel uninterested in reading.