

OPERATIONAL SURVIVAL

Putting Resilience at the Core of Infrastructure Planning

by A H Hay

Part 1: Infrastructure Resilience Planning

This book is for students of infrastructure resilience and protection planning. It is an unashamedly practitioner perspective intended to supplement related studies in the strategic planning and development of infrastructure, sustainable construction and urban studies. It will also be of interest to other practitioners in the field and to infrastructure owners and operators interested in planning resilient operations.

Putting resilience at the core of infrastructure planning is the first of two books on operational survival. The second looks at the practicalities of security integration within a resilience plan. Written at the request of my students, these two books provide a generic overview of how to navigate through the concepts and complexities of infrastructure resilience planning and implementation with a simple first principles approach. No process is offered, but rather a conceptual sequence of actions and considerations to be adjusted according to the situation.

A H Hay is a practising engineer in Ontario, consulting on resilience and security integration planning in the built environment. Prior to that he served for 25 years as a British military engineer, specialising in fortifications and infrastructure development. During which time, he was responsible for projects and infrastructure development programmes variously as contractor, design consultant and client in Canada and the High Arctic, Belize, the South Atlantic, Norway, UK, Germany, the Balkans, Iraq, Afghanistan, Cyprus, Gibraltar and Kenya.



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