# DESCRIPTION

**CYBERSECURITY AND LOCAL GOVERNMENT**

Learn to secure your local government’s networks with this one-of-a-kind resource

In *Cybersecurity and Local Government*, a distinguished team of researchers delivers an insightful exploration of cybersecurity at the level of local government. The book makes a compelling argument that every local government official, elected or otherwise, must be reasonably knowledgeable about cybersecurity concepts and provide appropriate support for it within their governments. It also lays out a straightforward roadmap to achieving those objectives, from an overview of cybersecurity definitions to descriptions of the most common security challenges faced by local governments.

The accomplished authors specifically address the recent surge in ransomware attacks and how they might affect local governments, along with advice as to how to avoid and respond to these threats. They also discuss the cybersecurity law, cybersecurity policies that local government should adopt, the future of cybersecurity, challenges posed by Internet of Things, and much more.

Throughout, the authors provide relevant field examples, case studies of actual local governments, and examples of policies to guide readers in their own application of the concepts discussed within.

*Cybersecurity and Local Government* also offers:

- A thorough introduction to cybersecurity generally, including definitions of key cybersecurity terms and a high-level overview of the subject for non-technologists.
• A comprehensive exploration of critical information for local elected and top appointed officials, including the typical frequencies and types of cyberattacks.

• Practical discussions of the current state of local government cybersecurity, with a review of relevant literature from 2000 to 2021.

• In-depth examinations of operational cybersecurity policies, procedures and practices, with recommended best practices.

Perfect for local elected and top appointed officials and staff as well as local citizens, Cybersecurity and Local Government will also earn a place in the libraries of those studying or working in local government with an interest in cybersecurity.

ABOUT THE AUTHOR

Donald F. Norris, PhD, is Professor Emeritus of Public Policy at the University of Maryland, Baltimore County, USA. He retired from UMBC in 2017 after serving 27 years as Director of the Maryland Institute for Policy Analysis and Research and 10 years as Director of the UMBC School of Public Policy. His fields of study include public management where he specializes in information technology in governmental organizations, including e-government and cybersecurity. Dr. Norris received an M.A. and a Ph. D. in political science from University of Virginia.

Richard F. Forno, Ph.D., is a Senior Lecturer in the UMBC Department of Computer Science and Electrical Engineering, where he directs the UMBC Graduate Cybersecurity Program and serves as the Assistant Director of UMBC's Center for Cybersecurity. Prior to academia, his twenty-year career in operational cybersecurity spanned the government, military, and private sector in both technical and management roles, including helping build a formal cybersecurity program for the US House of Representatives, serving as the first Chief Security Officer for Network Solutions (then, the global center of the internet DNS system), consulting to Fortune 100 companies, and more. Dr. Forno's research interests, rooted in both cybersecurity principles and the humanities, explore the relationships between technology, security, and society in areas including information age conflict, risk communication, resiliency, and the social shaping of technology within networked organizations.

Laura Mateczun, Ph.D. student, University of Maryland, Baltimore County, USA is magna cum laude graduate from St. Mary's College of Maryland in 2011. Her dissertation analyzes local government cybersecurity from three perspectives utilizing data from the first ever nationwide survey on the issue, that she helped develop, administer, and analyze with a team of public policy and cybersecurity experts at UMBC and the International City/County Management Association.

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