THE ENVIRONMENTAL KNOWLEDGE COMMONS

Our natural environment constitutes a complex and dynamic global ecosystem that provides essential resources for well-being and survival. Yet the environment is also subject to unprecedented threats from human activities, such as climate change, pollution, habitat loss, biodiversity decline, and the overexploitation of natural resources. This volume argues that such complex, multidimensional challenges demand equally complex, multidimensional solutions and calls for coordinated multistakeholder action at all scales, including governments, civil society, the private sector, and individuals. To meet the moment effectively, such interventions require both scientific knowledge about how the environment functions and social and institutional knowledge about the actors involved in environmental governance and management. Chapters include case studies of environmental knowledge collection, management, and sharing to explore how data and knowledge sharing can inform effective multistakeholder action to combat global threats to our environment. This title is also available as Open Access on Cambridge Core.

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Michael Mattioli is a former Sun Microsystems microchip designer turned award-winning professor of law at the Maurer School of Law, Indiana University. Mattioli's scholarship on law and technology has been published in leading law reviews. He is also the co-editor of *Big Data Is Not a Monolith* (2016).

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The Environmental Knowledge Commons

CASES AND LESSONS FOR KNOWLEDGE SHARING

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