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Autore	Goronczy Emlyn Etienne
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Soggetti	Light pollution Building Pollution Applied ecology City planning Urban economics Sociology, Urban Building Construction and Design Pollution, general Applied Ecology Urbanism Urban Economics Urban Studies/Sociology
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Nota di contenuto	1. Introductory Remarks -- 2. What Is Light Pollution? -- 3. Influence and Effects of Artificial Light After Dark and Light Pollution -- 4. International Comparative Analysis of Sources of Light Pollution in Urban Areas -- 5. Simulation of Urban Scenarios/Modules and Spaces -- 6. Solutions for Reducing Urban Light Pollution -- 7. Conclusion and Outlook.
Sommario/riassunto	Light pollution (light smog, light pollution or light emissions) is a fundamental problem in metropolises with effects on flora, fauna and people. Accordingly, the first section of the book discusses the basics

of light pollution and its effects on various organisms. The characteristics of light smog in the cities of Hanover, Warsaw, Boston, New York City and Toronto are then analysed and compared. But how can the problem be tackled? Existing measures for the prevention of light pollution are discussed and further novel approaches are shown by comparing the metropolises. The book is aimed primarily at practitioners in this field and helps to identify sources of emissions and identify suitable reduction measures.

**The Content**

What is light pollution ? Effects of artificial light after dark International comparative analysis Simulation of urban scenarios and spaces Interdisciplinary solutions for reducing urban light pollution The Target Groups City and regional planners, architects, civil engineers, urbanists, light planners, biologists Lecturers and teachers in urban and spatial planning training courses

**About the Author** Emlyn Etienne Goronczy holds an academic degree in architecture with a focus on lighting design. He works in an international planning office and was awarded the Fritz-Schumacher-Preis of the City of Hamburg in the junior category. This book is a translation of the original German edition „Lichtverschmutzung in Metropolen“ by Emlyn Etienne Goronczy, published by Springer Fachmedien Wiesbaden GmbH in 2018. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation. Springer Nature works continuously to further the development of tools for the production of books and on the related technologies to support the authors.

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