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Titolo	Handbook of Fire and the Environment : Impacts and Mitigation / / edited by Brian J. Meacham, Margaret McNamee
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Descrizione fisica	1 online resource (502 pages)
Collana	The Society of Fire Protection Engineers Series, , 2731-3646
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Soggetti	Fire prevention Buildings - Protection Environmental health Physical geography Fire Science, Hazard Control, Building Safety Environmental Health Earth System Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction and overview (Meacham and M. McNamee) -- Chapter 2. Historically significant fires (M. McNamee, Marlair and Truchot) -- Chapter 3. Fire fundamentals (Gorbett and Kozhumal) -- Chapter 4. Fire and smoke modeling (Wegrzynski and Lipecki) -- Chapter 5. Emission measurements (Guillaume) -- Chapter 6. Fires in enclosures (R. McNamee and Sandvik) -- Chapter 7. Wildland fire (Filkov, Cawson, Swan and Penman) -- Chapter 8. Firefighting chemicals (González-Prieto) -- Chapter 9. Tools and techniques for impact analysis (M. McNamee, Butry, Kneifel) -- Chapter 10. Mitigation strategies for buildings (Meacham) -- Chapter 11. Mitigation strategies for waste fires (Fjellgaard Mikalsen, Storesund) -- Chapter 13. Mitigation strategies for Wildfires (Parkins, Cawson, Pickering Penman) -- Chapter 12. Sustainable and fire resilient built environment (SAFR-BE) (Meacham and M. McNamee).
Sommario/riassunto	The fundamental purpose of this handbook is to raise awareness about

environmental impacts of fire and fire suppression, primarily within the fire engineering and firefighting communities, but also within the environmental engineering and planning disciplines. The Handbook provides readers with a fundamental understanding of the problem and its magnitude and includes a set of tools and methods for assessing environmental, social and financial impacts, and a set of tools for identifying and selecting appropriate mitigation options.

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