

Shao

## Physics and Modelling of Wind Erosion

---

This book provides a comprehensive summary of the recent developments in wind-erosion research and a clear outline of its future directions. The physics of wind-erosion, from particle entrainment to transport and deposition, is described with rigor from the viewpoints of fluid dynamics and soil physics. The techniques for quantitative wind-erosion prediction through computational modelling constitutes a unique feature of this book in contrast to others published in the same field. For the first time, wind-erosion has been considered systematically as a multidisciplinary subject. The author has advocated the development of integrated wind-erosion modelling systems which couple dynamic models for the atmosphere and land surface with spatially distributed data for land-surface conditions. The successful applications of such a system have demonstrated its usefulness in wind-erosion assessment and prediction on regional to continental scales. This book offers a valuable reference point for researchers and postgraduate students engaged in wind-erosion related studies, ranging from global climate change to atmospheric aerosols, dust storms, air quality, and land conservation.

 fachmedien.de  
WISSEN. EINFACH. FINDEN.

**85,59 €**

79,99 € (zzgl. MwSt.)

Recommended Retail Price

*Nicht mehr lieferbar*

---

**Artikelnummer:** 9780792366577

**Medium:** Buch

**ISBN:** 978-0-7923-6657-7

**Verlag:** Springer US

**Erscheinungstermin:** 30.11.2000

**Sprache(n):** Englisch

**Auflage:** Erscheinungsjahr 2000

**Serie:** Atmospheric and Oceanographic Sciences Library

**Produktform:** Gebunden

**Seiten:** 408

**Format (B x H):** 160 x 240 mm

 fachmedien.de  
WISSEN. EINFACH. FINDEN.

**Kundenservice Fachmedien Otto Schmidt**

Neumannstraße 10, 40235 Düsseldorf | [kundenservice@fachmedien.de](mailto:kundenservice@fachmedien.de) | 0800 000-1637 (Inland)

05.08.2024 | 06:25 Uhr

