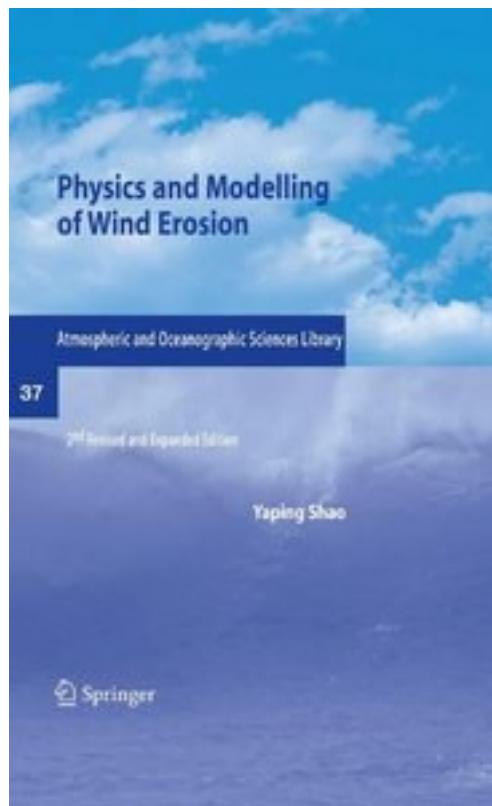


# Physics and Modelling of Wind Erosion



[Physics and Modelling of Wind Erosion](#) [下载链接1](#)

著者:Shao, Yaping

出版者:

出版时间:2008-8

装帧:

isbn:9781402088940

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. 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. The second edition has been expanded and updated throughout. It includes new information regarding mineral dust, a major focal point of studies on climate change in recent years as well as lidar information. It features some simplified sections to be more readily accessible by readers.

作者介绍:

目录:

[Physics and Modelling of Wind Erosion](#) [下载链接1](#)

标签

评论

风沙物理界绝对的经典教材，包罗万象，引用超过500次了

---

[Physics and Modelling of Wind Erosion](#) [下载链接1](#)

书评

---

[Physics and Modelling of Wind Erosion](#) [下载链接1](#)