



Journal of Sedimentary Research

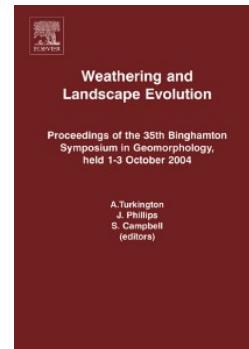
An International Journal of SEPM

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Review accepted 8 August 2006

Weathering and Landscape Evolution—Proceedings of the 35th Binghamton Symposium in Geomorphology, edited by A. Turkington, J. Phillips & S. Campbell, 2005. Elsevier B.V., Customer Service Department, Linacre House, Jordan Hill, Oxford OX2 8DP, UK (Europe, Middle East and Africa). Elsevier, Customer Service Department, 11830 Westline Industrial Drive, St. Louis, MO 63146, U.S.A. (U.S.A. and Canada). Hardcover, 272 pp. Price USD 154.00; GBP 95.00; EUR 140.00. ISBN 0-444-52031-7.



Weathering has significant control on landscape evolution and topographic developments. All scientists and engineers dealing with natural weathered materials have keen interest in weathering processes, to increase their insight. The 35th Binghamton Geomorphology Symposium was held in October 2004 and dealt with the broad theme of “weathering and landscape evolution.” Contributions presented at this symposium have been published in a special issue of the journal Geomorphology, and this material has now been published also as a book.

The book contains fifteen papers on techniques and methodologies of research, and provides an up-to-date overview of various aspects of weathering and landscape evolution; this is complemented by a number of excellent case studies. Issues like chemical weathering and landscape evolution in a cold climate, in-situ weathering and erosion, relative dating of transported regolith, relationship between microclimate and rock response to weathering in a hot desert, etc., are critically addressed along with valuable field data. The paper on sandstone weathering critically addresses weathering and stone decay of sandstones which research topics, as the authors justifiably claim, remain underscored compared to other rock types like limestone and granite. The prevalence of dynamical instability in weathering systems across a range of scales is demonstrated in the concluding paper.

The book contains a wealth of basic field data and relevant information that scientists, engineers and professionals will find useful. The book will be a welcome addition to the library of academic institutes, although the price of the book is surprisingly high. A paperback edition with lower price would have been better!

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