Record Nr. UNINA9910298375003321 Autore Bennett Matthew R **Titolo** Human Footprints: Fossilised Locomotion? // by Matthew R. Bennett, Sarita A. Morse Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2014 **ISBN** 3-319-08572-7 Edizione [1st ed. 2014.] 1 online resource (226 p.) Descrizione fisica Disciplina 301 566 Sedimentology Soggetti Archaeology Physical geography Anthropology Forensic science Human physiology Physical Geography Forensic Science **Human Physiology** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto Fossilisted Locomotion -- Modern Methods of Data Capture -- World Review of Human Track Sites -- Geoconservation of Human Tracks --The role of substrate in track formation and topology.-Inferences from Human Tracks -- Forensic Applications -- Conclusions -- Glossary --Appendix -- Geographical Index. Sommario/riassunto Human footprints provide some of the most emotive and tangible evidence of our ancestors. They provide evidence of stature, presence, behaviour and in the case of early hominin footprints, evidence with respect to the evolution of human gait and foot anatomy. While human footprint sites are rare in the geological record the number of sites

around the World has increased in recent years, along with the analytical tools available for their study. The aim of this book is to

provide a definitive review of these recent developments with specific reference to the increased availability of three-dimensional digital elevation models of human tracks at many key sites. The book is divided into eight chapters. Following an introduction the second chapter reviews modern field methods in human ichnology focusing on the development of new analytical tools. The third chapter then reviews the major footprint sites around the World including details on several unpublished examples. Chapters then follow on the role of geology in the formation and preservation of tracks, on the inferences that can be made from human tracks and the final chapter explores the application of this work to forensic science. Audience: This volume will be of interest to researchers and students across a wide range of disciplines – sedimentology, archaeology, forensics and palaeoanthropology.