Record Nr. UNINA9910454433603321 The emergence of unsaturated soil mechanics [[electronic resource] /] / **Titolo** edited by A.W. Clifton, G.W. Wilson, S.L. Barbour Pubbl/distr/stampa Ottawa,: NRC Research Press, c1999 **ISBN** 1-280-45194-7 0-660-18466-4 9786610451944 1-4593-0278-8 Descrizione fisica 1 online resource (752 p.) Altri autori (Persone) WilsonG. W CliftonA. W BarbourS. L Disciplina 624.1/5136 Soggetti Soil mechanics Sols, Mecanique des Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Fredlund volume". Issued by the National Research Council Canada. Nota di bibliografia Includes bibliographical references. Cover page; Publishing information; Title page; Copyright; Contents; Nota di contenuto Abstract; Resume; Preface; Acknowledgments; Part I Delwyn G. Fredlund - An Appreciation; Part II Stress State for Unsaturated Soils and the Measurement of Soil Suction; Part III Theoretical Framework for Unsaturated Soil Mechanics; Part IV Shear Strength of Unsaturated Soils and its Application: Part V Steady State and Transient Flow Through Unsaturated Soils; Part VI Volume Change Behaviour of Unsaturated Soils; Part VII Moisture Flux Boundary Conditions at Ground Surface; Part VIII Epilogue Part XI Bibliography of PublicationsPart X Theses Supervised; Index Sommario/riassunto This publication is an assemblage of selected papers that have been authored or co-authored by D.G. Fredlund. The substance of these

papers documents the milestones of both the science of unsaturated soil mechanines and the career of the author during his tenure as a

faculty member in the Department of Civil Engineering at the University of Saskatchewan, Saskatoon, Canada.