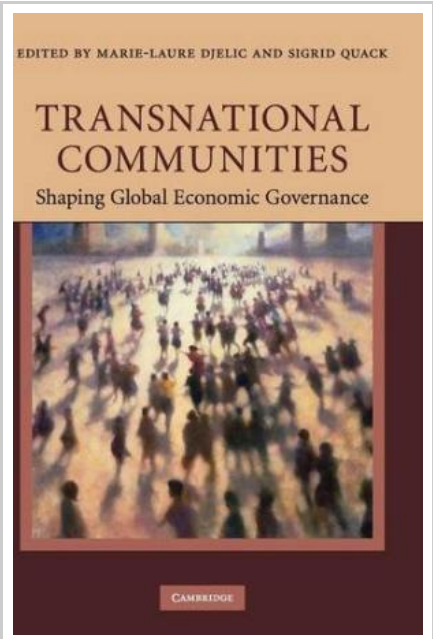

The Self-Potential Method Theory and Applications in Environmental Geosciences

By Abderrahim Jardani

Cambridge University Press. Hardcover. Book Condition: New. Hardcover. 383 pages. Dimensions: 10.2in. x 6.8in. x 0.9in.The self-potential method enables non-intrusive assessment and imaging of disturbances in electrical currents of conductive subsurface materials. It has an increasing number of applications, from mapping fluid flow in the subsurface of the Earth to detecting preferential flow paths in earth dams and embankments. This book provides the first full overview of the fundamental concepts of this method and its applications in the field. It discusses a historical perspective, laboratory investigations undertaken, the inverse problem, and seismoelectric coupling, and concludes with the application of the self-potential method to geohazards, water resources and hydrothermal systems. Chapter exercises and online datasets and analytical software enable the reader to put the theory in practice. This book is a key reference for academic researchers and professionals working in the areas of geophysics, environmental science, hydrology, and geotechnical engineering. It will also be valuable reading for related graduate courses. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Hardcover.

Reviews

It is fantastic and great. It is writter in easy words and phrases instead of confusing. I am just delighted to explain how this is actually the best book i have got read through during my individual life and might be he finest publication for ever.

-- ***Prof. Murl Shanahan DDS***

This is an remarkable publication that I have ever read. Indeed, it is actually engage in, nevertheless an interesting and amazing literature. I am just happy to inform you that this is the best publication i have got go through during my personal lifestyle and may be he finest ebook for actually.

-- ***Toby Baumbach***