

1. Record Nr.	UNINA9910132246003321
Titolo	FAO policy on gender equality : attaining food security goals in agriculture and rural development
Pubbl/distr/stampa	Rome : , : Food and Agriculture Organization of the United Nations, , 2013
ISBN	92-5-107490-9
Descrizione fisica	1 online resource (32 p.)
Disciplina	338.1082
Soggetti	Women in agriculture - Government policy Equality - Government policy Agriculture - Economic aspects Food security - Economic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""CONTENTS""; ""Acronyms""; ""FOREWORD""; ""INTRODUCTION""; ""RATIONALE""; ""FAOa€s Gender Equality Goal and Objectives""; ""FAOa€s Gender Equality Strategy""; ""Annex A: FAO Policy on Gender Equality accountability framework""; ""Annex B: Responsibility for implementing FAO gender Equality Minimum Standards ""

2. Record Nr.	UNINA9910254085203321
Autore	Santos Juan Enrique
Titolo	Numerical Simulation in Applied Geophysics // by Juan Enrique Santos, Patricia Mercedes Gauzellino
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2016
ISBN	3-319-48457-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XV, 309 p.)
Collana	Lecture Notes in Geosystems Mathematics and Computing, , 2730-5996
Disciplina	550.15118
Soggetti	Mathematical models Geophysics Differential equations, Partial Mathematical physics Mathematical Modeling and Industrial Mathematics Geophysics/Geodesy Partial Differential Equations Geophysics and Environmental Physics Mathematical Applications in the Physical Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1.Waves in porous media -- 2.Extensions of Biot Theory -- 3. Absorbing Boundary Conditions in Viscoelastic and -- 4.Induced Anisotropy, Viscoelastic and Poroelastic -- 5.Wave Propagation in Poroelastic Media. The Finite -- 6.The Mesoscale and the Macroscale. Isotropic Case -- 7.The Mesoscale and the Macroscale. VTI Case -- 8. Wave Propagation at the Macroscale -- .
Sommario/riassunto	This book presents the theory of waves propagation in a fluid-saturated porous medium (a Biot medium) and its application in Applied Geophysics. In particular, a derivation of absorbing boundary conditions in viscoelastic and poroelastic media is presented, which later is employed in the applications. The partial differential equations describing the propagation of waves in Biot media are solved using the Finite Element Method (FEM). Waves propagating in a Biot medium

suffer attenuation and dispersion effects. In particular the fast compressional and shear waves are converted to slow diffusion-type waves at mesoscopic-scale heterogeneities (on the order of centimeters), effect usually occurring in the seismic range of frequencies. In some cases, a Biot medium presents a dense set of fractures oriented in preference directions. When the average distance between fractures is much smaller than the wavelengths of the travelling fast compressional and shear waves, the medium behaves as an effective viscoelastic and anisotropic medium at the macroscale. The book presents a procedure determine the coefficients of the effective medium employing a collection of time-harmonic compressibility and shear experiments, in the context of Numerical Rock Physics. Each experiment is associated with a boundary value problem, that is solved using the FEM. This approach offers an alternative to laboratory observations with the advantages that they are inexpensive, repeatable and essentially free from experimental errors. The different topics are followed by illustrative examples of application in Geophysical Exploration. In particular, the effects caused by mesoscopic-scale heterogeneities or the presence of aligned fractures are taking into account in the seismic wave propagation models at the macroscale. The numerical simulations of wave propagation are presented with sufficient detail as to be easily implemented assuming the knowledge of scientific programming techniques.
