

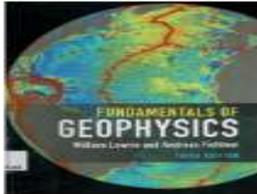


Boletín N° 179

Últimos libros disponibles en
Biblioteca del 14 de Abril del 2023



UNIVERSIDAD
DE ATACAMA



Fundamentals of geophysics

Autor: Lowrie, William

Coautor: Fichtner, Andreas

ISBN: 9781108492737

Edición: 3rd.ed.

Información de la publicación: Cambridge :
Cambridge University Press, 2020

Descripción física: 419 p. : il.

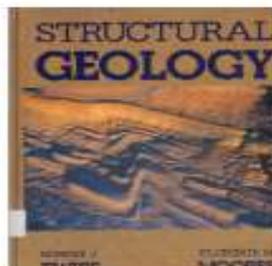
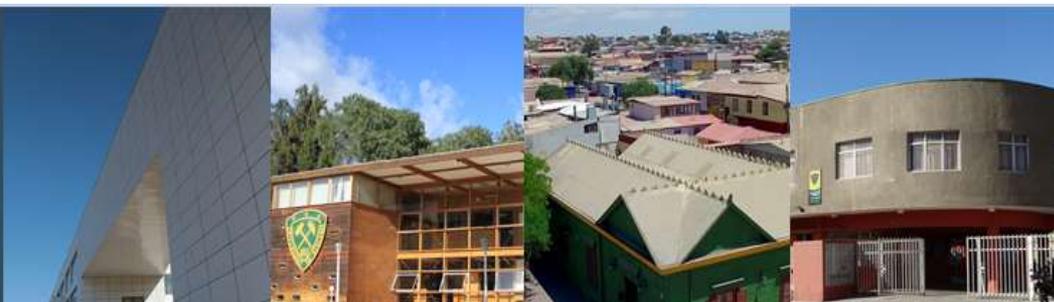
Nota general: Incluye índice

Contenido: Contents : 1. The Solar System.-- 2. Plate Tectonics.-- 3. Gravity and the Figure of the Earth.-- 4. Gravity Surveying.-- 5. Rheology of the Earth.-- 6. Seismology.-- 7. Earthquakes and the Earth's Internal Structure.-- 8. Geochronology.-- 9. The Earth's Heat.-- 10. Geoelectricity.-- 11. The Earth's Magnetic Field.-- 12. Paleomagnetism..

Materias: GEOFISICA
GEOLOGÍA



UNIVERSIDAD
DE ATACAMA



Structural Geology

Autor: Twiss, Robert J.

Coautor: Moores, Eldridge M.

ISBN: 9780716722526

Información de la publicación: New York : W. H. Freeman and Company, 1992

Descripción física: 532 p. : il. col.

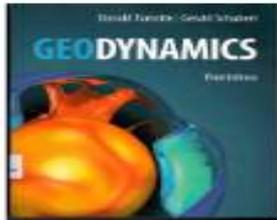
Nota general: Incluye índice

Contenido: Contents : Part I. Introduction.-- Part II. Brittle Deformation.-- Part III. Ductile Deformation.-- Part IV. Rheology.-- Part V. Tectonics.

Materias: GEOLOGÍA ESTRUCTURAL



UNIVERSIDAD
DE ATACAMA



Geodynamics

Autor: Turcotte, Donald L.

Coautor: Schubert, Gerald

ISBN: 9780521186230

Edición: 3rd.ed.

Información de la publicación: Cambridge :
Cambridge University Press, 2014

Descripción física: 623 p. : il. col.

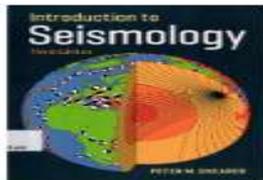
Nota general: Incluye índice

Contenido: Contents : 1. Plate tectonics.-- 2. Stress and strain in solids.-- 3. Elasticity and flexure.-- 4. Heat transfer.-- 5. Gravity.-- 6. Fluid mechanics.-- 7. Rock rheology.-- 8. Faulting.-- 9. Flows in porous media.-- 10. Chemical geodynamics.-- 11. Numerical tools.-- 12. Geophysical applications of computational modeling.

Materias: GEODINÁMICA



UNIVERSIDAD
DE ATACAMA



Introduction to seismology

Autor: Shearer, Peter M.

ISBN: 9781316635742

Edición: 3rd.ed.

Información de la publicación: New York : Cambridge University, 2019

Descripción física: 424 p. : il.

Nota general: Incluye índice

Contenido: Contents : 1. Introduction.-- 2. Stress and strain.-- 3. The seismic equation.-- 4. Ray theory: Travel times.-- 5. Inversion of travel time data.-- 6. Ray theory: Amplitude and phase.-- 7. Reflection seismology and related topics.-- 8. Surface waves and normal modes.-- 9. Earthquakes and source theory.-- 10. Earthquake prediction.-- 11. Seismometers and seismographs.-- 12. Earth noise.-- 13. Anisotropy.

Materias: SISMOLOGÍA
SISMOMETRÍA



UNIVERSIDAD
DE ATACAMA



Like

Physical and chemical hydrogeology

Autor: Domenico, Patrick A.

Coautor: Schwartz, Franklin W.

ISBN: 9780471597629

Edición: 2nd.ed.

Información de la publicación: New York : John Wiley & Sons, 1997

Descripción física: 506 p. : il. col.

Nota general: Incluye índice

Contenido: Contents : Chapter 1: Introduction.-- Chapter 2: The origin of porosity and permeability.-- Chapter 3: Ground-Water movement.-- Chapter 4: Main equations of flow, boundary conditions, and flow nets.-- Chapter 5: Ground water in the basin hydrologic cycle.-- Chapter 6: Hydraulic testing: Models, methods, and applications.-- Chapter 7: Ground water as a resource development of Ground-Water resources.-- Chapter 8: Stress, strain, and pore fluids deformable porous media.-- Chapter 9: Heat transport in Ground-Water flow conduction, convection, and equations of heat transport.-- Chapter 10: Solute transport.-- Chapter 11: Principles of aqueous geochemistry.-- Chapter 12: Chemical reactions.-- Chapter 13: Colloids and microorganisms.-- Chapter 14: The equations of mass transport.-- Chapter 15: Mass transport in natural Ground-Water systems.-- Chapter 16: Mass transport in Ground-Water flow: Geologic systems.-- Chapter 17: Introduction to contaminant hydrogeology.-- Chapter 18: Modeling the transport of dissolved contaminants.-- Chapter 19: Multiphase fluid systems.-- Chapter 20: Remediation: Overview and removal options.-- Chapter 21: In situ destruction and risk assessment.

Materias: HIDROGEOLOGÍA



UNIVERSIDAD
DE ATACAMA



Like

Applied hydrogeology

Autor: Fetter, C. W.

Coautor: Creamer, David

ISBN: 9781478646525

Edición: 5th.ed.

Información de la publicación: Long Grove :
Waveland Press, Inc., 2022

Descripción física: 625 p. : ll.

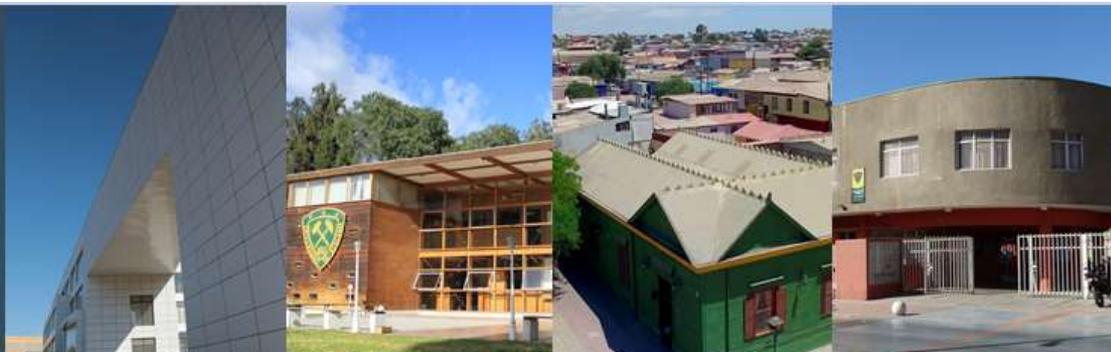
Nota general: Incluye índice
Incluye glosario

Contenido: Contents : Chapter 1: Water.-- Chapter 2:
Elements of the Hydrologic Cycle.-- Chapter 3:
Properties of Aquifers.-- Chapter 4: Principles of
Groundwater Flow.-- Chapter 5: Groundwater Flow to
Wells.-- Chapter 6: Soil Moisture and Groundwater
Recharge.-- Chapter 7: Regional Groundwater Flow.--
Chapter 8: Geology Groundwater Occurrence.--
Chapter 9: Water Chemistry.-- Chapter 10: Water
Quality and Groundwater Contamination.-- Chapter 11:
Groundwater and Management.-- Chapter 12: Field
Methods.-- Chapter 13: Groundwater Models.

Materias: GEOLOGÍA
HIDROLOGÍA



UNIVERSIDAD
DE ATACAMA



Like

Fundamentals of ground water

Autor: Schwartz, Franklin W.

Coautor: Zhang, Hubao

ISBN: 9780471137855

Información de la publicación: New York : John Wiley & Sons, Inc., 2003

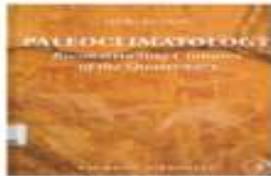
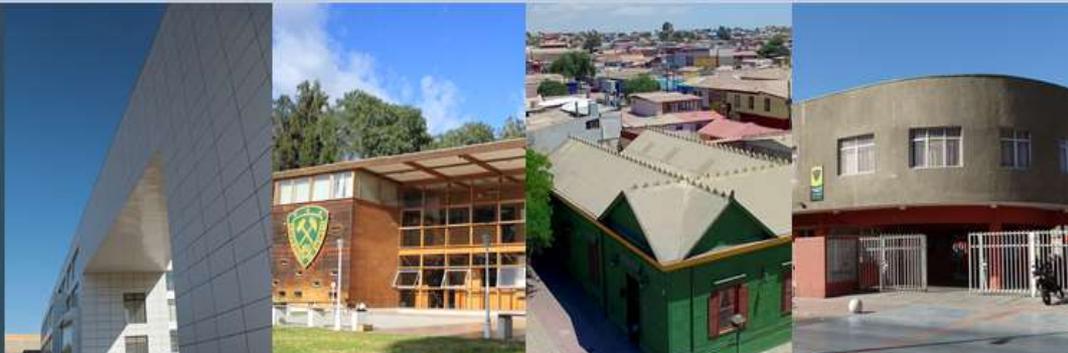
Descripción física: 583 p. : il. col. + mapas

Nota general: Incluye índice

Contenido: Contents : Chapter 1. Introduction ground water.-- Chapter 2. Hydrologic processes at the earth's.-- Chapter 3. Basic principles of ground-water flow.-- Chapter 4. Geology ground water.-- Chapter 5. Theory of ground-water flow.-- Chapter 6. Theory of ground-water flow in unsaturated zones and fractured media.-- Chapter 7. Basic geologic and hydrogeologic investigations.--Chapter 8. Regional ground-water flow.--Chapter 9. Response of confined aquifers to pumping.-- Chapter 10. Leaky confined aquifers and partially penetrating wells.-- Chapter 11. Response of an unconfined aquifer to pumping.-- Chapter 12. Slug, step, and intermittent tests.-- Chapter 13. Superposition and bounded aquifers.-- Chapter 14. Solving well hydraulics problems.-- Chapter 15. Management of ground-water resources.-- Chapter 16. Dissolved mass in ground water.-- Chapter 17. Kinetic equilibrium reactions.-- Chapter 18. Key reactions influencing ground-water chemistry.-- Chapter 19. Basics of mass transport, advection, and dispersion.-- Chapter 20. Isotopes and age dating.-- Chapter 21. Geochemistry of natural water systems.-- Chapter 22. Introduction to contaminant hydrogeology.-- Chapter 23. Modeling contaminant transport.



UNIVERSIDAD
DE ATACAMA



Paleoclimatology : Reconstructing climates of the Quaternary

Autor: Bradley, Raymond S.

ISBN: 9780123869135

Edición: 3rd.ed.

Información de la publicación: Amsterdam : Academic Press, 2017

Descripción física: 675 p. : il. col.

Nota general: Incluye índice

Contenido: Contents : 1. Paleoclimatic reconstruction.-- 2. Climate and climatic variation.-- 3. Dating methods I.-- 4. Dating methods II.-- 5. Ice cores.-- 6. Marine sediments.-- 7. Loess.-- 8. Speleothems.-- 9. Lake sediments.-- 10. Nonmarine geologic evidence.-- 11. Insects and other biological evidence from continental regions.-- 12. Pollen.-- 13. Tree Rings.-- 14. Corals.-- 15. Historical documents.

Materias: PALEOCLIMATOLOGÍA
ESTRATIGRAFÍA



UNIVERSIDAD
DE ATACAMA



Like

Historical geology : Evolution of earth & through time

Autor: Wicander, Reed

Coautor: Monroe, James S.

ISBN: 9781305119567

Información de la publicación: Boston MA : Cengage Learning, 2016

Descripción física: 434 p. : il. col.

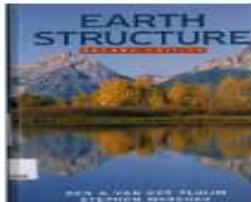
Nota general: Incluye índice

Contenido: Contents : 1. The dynamic and evolving earth.-- 2. Minerals and rocks.-- 3. Plate tectonics: A Unifying theory.-- 4. Geologic time: Concepts and principles.-- 5. Rocks, fossils, and time: Making sense of the geologic record.-- 6. Sedimentary rocks: The archives of earth history.-- 7. Evolution: The theory and its supporting evidence.-- 8. Precambrian earth and life history: The hadean and the archean eon.-- 9. Precambrian earth and life history: The proterozoic eon.-- 10. Early paleozoic earth history.-- 11. Late paleozoic history.-- 12. Paleozoic life history: Invertebrates.-- 13. Paleozoic life history: Vertebrates and plants.-- 14. Mesozoic earth history.-- 15. Life of the mesozoic era.-- 16. Cenozoic earth history: The paleogene and neogene periods.-- 17. Cenozoic earth history: The quaternary period.-- 18. Life of the cenozoic era.-- 19. Primate and human evolution.

Materias: GEOLOGÍA HISTÓRICA
EVOLUCIÓN (BIOLOGÍA)



UNIVERSIDAD
DE ATACAMA



Earth structure : An introduction to structural geology and tectonics

Autor: Pluijm, Ben A. van der

Coautor: Marshak, Stephen

ISBN: 9780393924671

Edición: 2nd.ed.

Información de la publicación: W. W. Norton : New York, 2004

Descripción física: 656 p. : il. col.

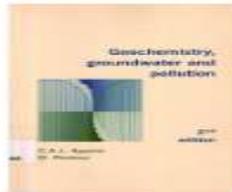
Nota general: Incluye índice

Contenido: Contents : Part A. Fundamentals.-- Part B. Brittle structures.-- Part C. Ductile structures.-- Part C. Ductile structures.-- Part D. Tectonics.-- Part E. regional perspectives.

Materias: GEOLOGÍA ESTRUCTURAL



UNIVERSIDAD
DE ATACAMA



Geochemistry, groundwater and pollution

Autor: Appelo, C. A. J.

Coautor: Postma, D.

ISBN: 9780415364287

Edición: 2nd.ed.

Información de la publicación: Leiden : A.A. Balkema Publishers, 2005

Descripción física: 649 p. : il.

Nota general: Incluye índice

Contenido: Contents : 1. Introduction to groundwater geochemistry.-- 2. From rainwater to groundwater.-- 3. Flow and transport.-- 4. Minerals and water.-- 5. Carbonates and carbon dioxide.-- 6. Ion exchange.-- 7. Sorption of trace metals.-- 8. Silicate weathering.-- 9. Redox processes.-- 10. Pollution by organic chemicals.-- 11. Numerical modeling.

Materias: GEOQUÍMICA
AGUAS SUBTERRÁNEAS



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Groundwater

Autor: Freeze, R. Allan

Coautor: Cherry, John A.

ISBN: 9780133653120

Información de la publicación: Englewood Cliffs, New Jersey : Prentice-Hall, cop. 1979

Descripción física: 604 p. : il.

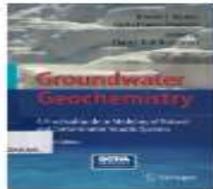
Nota general: Incluye índice

Contenido: Contents : 1. Introduction.-- 2. Physical properties and principles.-- 3. Chemical properties and principles.-- 4. Groundwater geology.-- 5. Flow nets.-- 6. Groundwater and the hydrologic cycle.-- 7. Chemical evolution natural of natural groundwater.-- 8. Groundwater resource evaluation.-- 9. Groundwater contamination.-- 10. Groundwater and geotechnical problems.-- 11. Groundwater and geological processes.

Materias: GEOQUÍMICA
AGUAS SUBTERRÁNEAS



UNIVERSIDAD
DE ATACAMA



Groundwater Geochemistry : A practical guide to modeling natural and contaminated aquiferic system

Autor: Merkel, Broder J.

Coautor: Planer-Friedrich, Britta
Kirk Nordstrom, Darrell

ISBN: 9783662517505

Edición: 2nd.ed.

Información de la publicación: Berlin : Springer- Verlag, 2008

Descripción física: 230 p. : il.

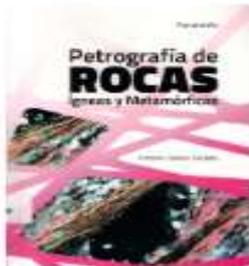
Nota general: Incluye índice

Contenido: Contents : 1. Theoretical background.-- 2. Hydrogeochemical modeling programs.-- 3. Exercises.-- 4. Solutions.

Materias: GEOQUÍMICA
AGUAS SUBTERRÁNEAS



UNIVERSIDAD
DE ATACAMA



Petrografía de rocas ígneas y metamórficas

Autor: Castro Dorado, Antonio

ISBN: 9788428335164

Información de la publicación: Madrid : Paraninfo, 2015

Descripción física: 260 p. : il.

Nota general: Incluye índice
Incluye anexos

Contenido: Contenido : Parte 1. Principios generales.--
Parte 2. Rocas ígneas.-- Parte 3. Rocas metamórficas.

Materias: PETROGRAFÍA
ROCAS IGNEAS



UNIVERSIDAD
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Like

Geochemical thermodynamics

Autor: Nordstrom, Darrell Kirk

Coautor: Muñoz, James L.

ISBN: 9781932846096

Edición: 2nd.ed.

Información de la publicación: Caldwell, N.J.:
Blackburn Press, 1994

Descripción física: 493 p. : il.

Nota general: Incluye índice

Contenido: Contents : Equilibrium, desequilibrium, and the steady state.— 2. Properties of pure gases.— 3. The fundamental relationships.— 4. Phase equilibria in simple systems.— 5. Thermodynamics of solutions.— 6. Calculation of activities in gas mixtures, minerals, and silicate melts.— 7. Electrolyte theory.— 8. Mineral equilibria I: the equilibrium constant.— 9. Mineral equilibria II: chemical potential diagrams.— 10. Mineral equilibria III: oxidation--reduction reactions.— 11. Thermodynamic data: measurements and estimations.— 12. Thermodynamic data: compilation and evaluation.— Geochemical modeling.

Materias: TERMODINAMICA
GEOQUÍMICA



UNIVERSIDAD
DE ATACAMA



Igneous rocks and processes : a practical guide

Autor: Gill, Robin

Coautor: Fitton, Godfrey

ISBN: 9781119455660

Edición: 2nd.ed.

Información de la publicación: Chichester, UK : Wiley-Blackwell, 2023

Descripción física: 484 p. : il. col.

Nota general: Incluye índice

Contenido: Contents : 1. An introduction to magmas and magmatic rocks.-- 2. Basalts and related rocks.-- 3. Magma differentiation.-- 4. Gabbroic rocks.-- 5. Ultramafic rocks.-- 6. Andesite, dacite and rhyolite.-- 7. How magmas erupt -- an introduction to pyroclastic processes and products.-- 8. Granitic rocks.-- 9. Alkali rocks.

Materias: ROCAS IGNEAS
ROCAS ERUPTIVAS



UNIVERSIDAD
DE ATACAMA



Principles of igneous and metamorphic petrology

Autor: Winter, John D.

ISBN: 9780321592576

Edición: 2nd.ed.

Información de la publicación: New York : Prentice Hall, 2010

Descripción física: 702 p. : il.

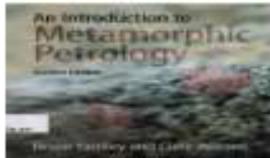
Nota general: Incluye índice.

Contenido: Contents : Part I: Igneous petrology.-- Part II: Metamorphic petrology.

Materias: PETROLOGÍA
ROCAS IGNEAS



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DE ATACAMA



An introduction to metamorphic petrology

Autor: Yardley, Bruce W. D.

Coautor: Warren, Clare

ISBN: 9781108456487

Edición: 2a.ed.

Información de la publicación: Cambridge :
Cambridge University Press, 2021

Descripción física: 333 p. : il.

Nota general: Incluye índice
Incluye apéndice

Contenido: Contents : 1. The Concept of Metamorphism.-- 2. Chemical Equilibrium in Metamorphism.--3. The Pressure--Temperature Conditions of Metamorphism.-- 4. Metamorphism of Pelitic Rocks.-- 5. Metamorphism of Basic Igneous Rocks.-- 6. Metamorphism of Limestones -- Marbles, Calc-Silicates and Skarns.-- 7. Mineral Growth and Textures in Metamorphic Rocks.-- 8. Metamorphism Linked to Deformation.-- 9. The Duration of Metamorphism.-- 10. Metamorphism and Tectonics.

Materias: ROCAS METAMÓRFICAS
PETROLOGÍA



UNIVERSIDAD
DE ATACAMA



Introduction to paleobiology and the fossil record

Autor: Benton, Michael J.

Coautor: Harper, David A.

ISBN: 9781119272854

Edición: 2nd.ed.

Información de la publicación: Oxford : Wiley-Blackwell, 2020

Descripción física: 642 p. : il. col.

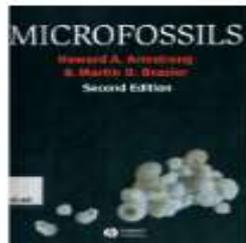
Nota general: Incluye índice

Contenido: Contents : 1. Paleontology as a science.-- 2. Stratigraphy.-- 3. Paleogeography and paleoclimates.-- 4. Paleoecology.-- 5. Taphonomy and the quality of the fossil record.-- 6. Fossil form and function.-- 7. Macroevolution and the tree of life.-- 8. Biodiversity, extinction, and mass extinction.-- 9. The origin of life.-- 10. Protists.-- 11. Origin and expansion of the metazoans.-- 12. The basal metazoans: sponges and corals.-- 13. Lophophorates 1: brachiopoda and bryozoans.-- 14. Lophotrochozoa 2: mollusks and annelids.-- 15. Ecdysozoa: arthropods.-- 16. Deuterostomes: echinoderms and hemichordates.-- 17. Fishes and basal tetrapods.-- 18. Dinosaurs and mammals.-- 19. Fossil plants and fungi.-- 20. Trace fossils.

Materiax: PALEONTOLOGÍA
PALEONTOBIOLOGÍA



UNIVERSIDAD
DE ATACAMA



Microfossils

Autor: Armstrong, Howard A.

Coautor: Brasier, Martin D.

ISBN: 978063205279

Edición: 2nd.ed.

Información de la publicación: Malden
(Massachusetts) : Blackwell Publishing, c2005

Descripción física: 296 p. : il.

Nota general: Incluye índice

Contenido: Contents : Part 1: Applied micropalaeontology.-- Part 2: The rise of the biosphere.-- Part 3: Organic-walled microfossils.-- Part 4: Inorganic-walled microfossils.

Materias: MICROPALAEONTOLOGÍA