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Pearson 0135836972

Laboratory Manual in Physical Geology

Model: 0135836972 | Edition: 12th

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1. INTRODUCTION

The *Laboratory Manual in Physical Geology*, 12th Edition, is designed for introductory geology courses. It provides an inquiry and activities-based approach to understanding the basic processes of geology and their applications to everyday life. This manual aims to build essential skills and offer a comprehensive learning experience in the laboratory setting.

Featuring contributions from over 200 highly regarded geologists and geoscience educators, alongside an exceptional illustration program by Dennis Tasa, this edition incorporates the latest data and scientific advancements. New activities focusing on climate/environmental change and hazards/disasters are included to enhance the learning experience.

2. GETTING STARTED WITH MASTERING GEOLOGY

This manual integrates with **Modified Mastering Geology**, a digital platform designed to personalize the learning experience and improve student outcomes. Mastering Geology supports continuous learning through 'Before, During, and After Lab' components.

2.1 Before Lab

Utilize the provided mobile media and pre-lab video assignments to prepare for laboratory sessions. These resources are designed to ensure you arrive at the lab with foundational knowledge and understanding.

2.2 During Lab

Engage with **Learning Catalytics**, a 'bring your own device' system that facilitates student engagement, assessment, and classroom intelligence during lab activities.

2.3 After Lab

Access easy-to-assign, customizable, and automatically-graded assignments. These include robust media such as Mobile Field Trip videos, Project Condor Quadcopter videos, Gigapan imagery, animations, Encounter Google Earth explorations, GeoTutors, and GIS-inspired MapMaster interactive maps.

APPLIED LAB INVESTIGATIONS TO IMPROVE STUDENTS' UNDERSTANDING OF EARTH'S GEOLOGY

This user-friendly, best-selling lab manual examines the basic processes of geology and their applications to everyday life. Featuring contributions from over 200 highly regarded geologists and geoscience educators, along with an exceptional illustration program by Dennis Tasa, this *Laboratory Manual in Physical Geology* offers an inquiry and activities-based approach that builds skills and gives students a more complete learning experience in the lab.

Looking for a lab experience online?

Mastering Geology™

Continuous Learning: *Before, During, and After Lab*

- **Before Lab:** Mobile Media and Pre-Lab Video Assignments ensure students come to lab prepared.
- **During Lab:** Learning Catalytics is a “bring your own device” student engagement, assessment, and classroom intelligence system.
- **After Lab:** Easy-to-assign, customizable, and automatically-graded assignments include robust media such as Mobile Field Trip videos, Project Condor Quadcopter videos, Gigapan imagery, animations, Encounter Google Earth explorations, GeoTutors, GIS-inspired MapMaster interactive maps, and much more.
- **Student Study Area:** Students can self-study with access to animations, a variety of videos, GIS-inspired MapMaster interactive maps, *In The News* articles, web links, an optional eText version of the lab manual, and more.

Work smarter, not harder, with Mastering Geology!

www.masteringeology.com



Please visit us at www.pearson.com for more information. To order any of our products, contact our customer service department at (800) 824-7799, or (201) 767-5021 outside of the U.S., or visit your campus bookstore.

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Image: Back cover illustrating the features of Mastering Geology.

3. USING THE MANUAL AND DIGITAL RESOURCES

The manual's content is structured to guide you through various physical geology concepts and experiments. Each section is designed for clarity and practical application.

3.1 Student Study Area

The Student Study Area provides additional resources for self-study. This includes access to animations, a variety of educational videos, GIS-inspired MapMaster interactive maps, *In The News* articles, web links, and an optional eText version of the lab manual.

For more information on Mastering Geology, visit www.masteringgeology.com.

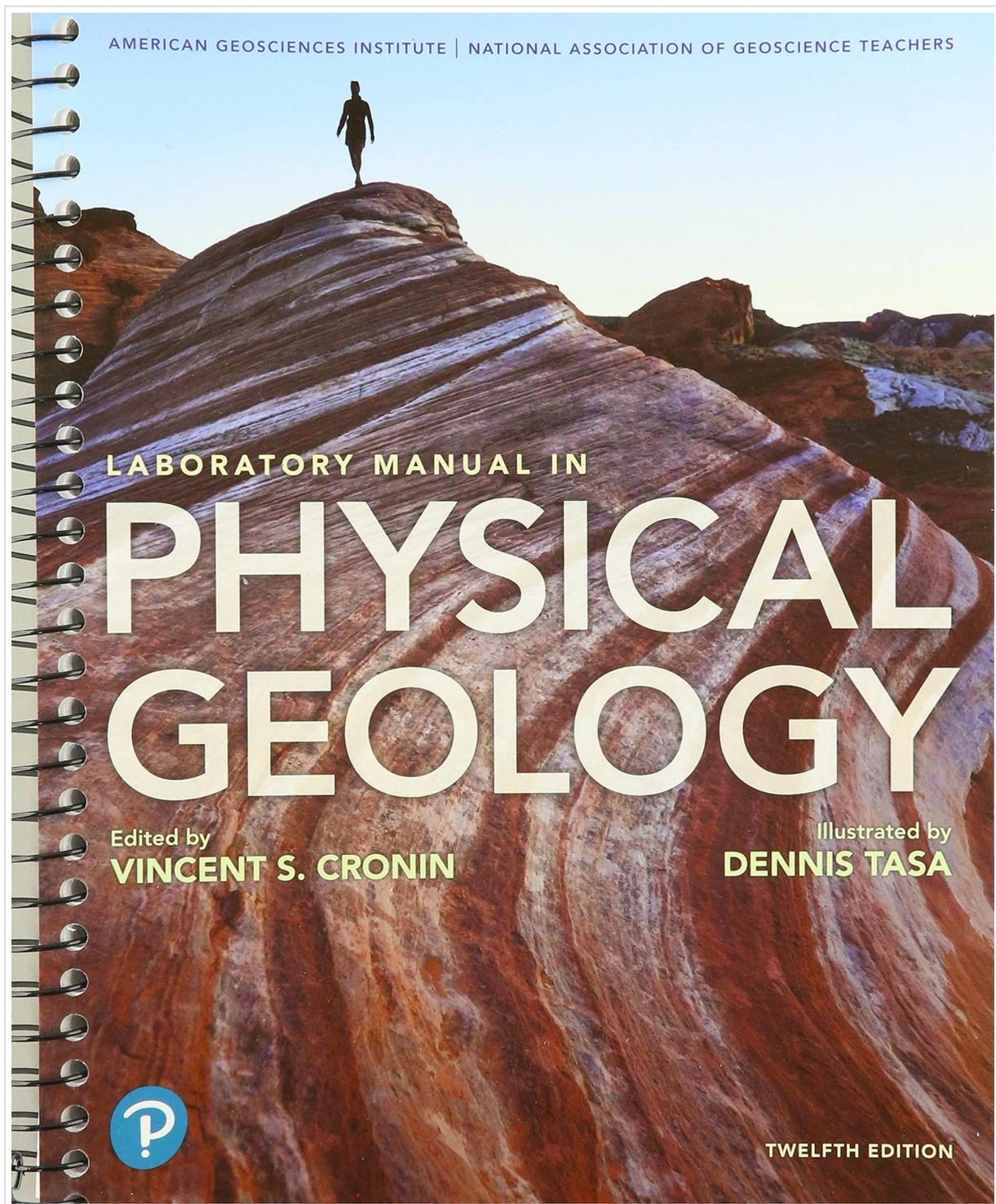


Image: Front cover of the Laboratory Manual in Physical Geology.

4. CARE AND HANDLING

This manual is spiral-bound for ease of use in a laboratory setting. To ensure its longevity:

- Handle pages carefully to prevent tearing, especially near the spiral binding.
- Avoid bending the spiral excessively, as this can deform the binding.
- Store the manual in a dry environment, away from direct sunlight or extreme temperatures, to preserve the paper quality and binding integrity.
- Keep the manual clean and free from chemical spills, which are common in lab environments.

5. TROUBLESHOOTING

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If your manual has missing pages or incomplete content, particularly if purchased used, contact your vendor or Pearson customer service immediately. Ensure all required content is present for your course requirements.

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If you encounter issues accessing the Modified Mastering Geology platform or its components, verify your package ISBN and Course ID with your instructor. Technical support for Mastering Geology can be found on the Pearson website or by contacting their customer service.

5.3 QR Code Issues

If the QR code on the back cover (<http://hpgo.co/FIP4SJ29J>) does not scan or link correctly, try manually entering the URL into your web browser. Ensure your device's camera is clean and has adequate lighting for scanning.

6. SPECIFICATIONS

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8. SUPPORT AND CONTACT INFORMATION

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