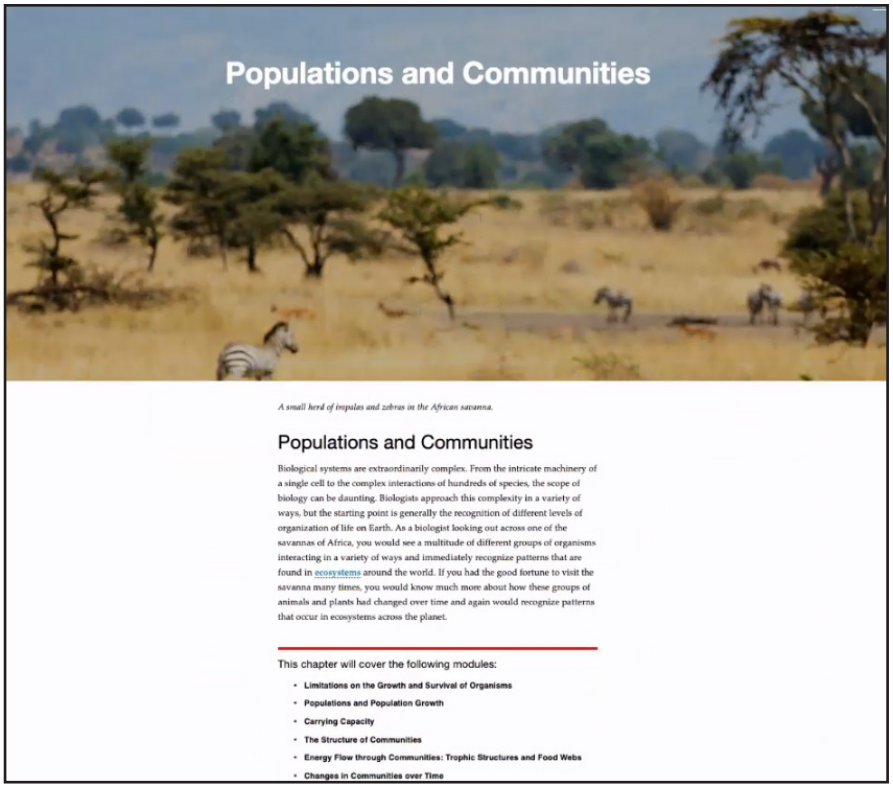
Pearson

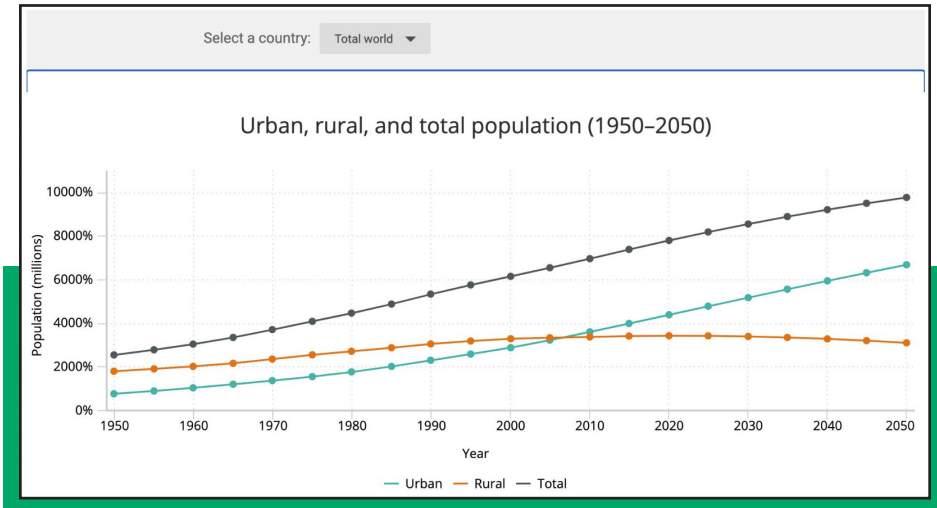
A Changing Planet

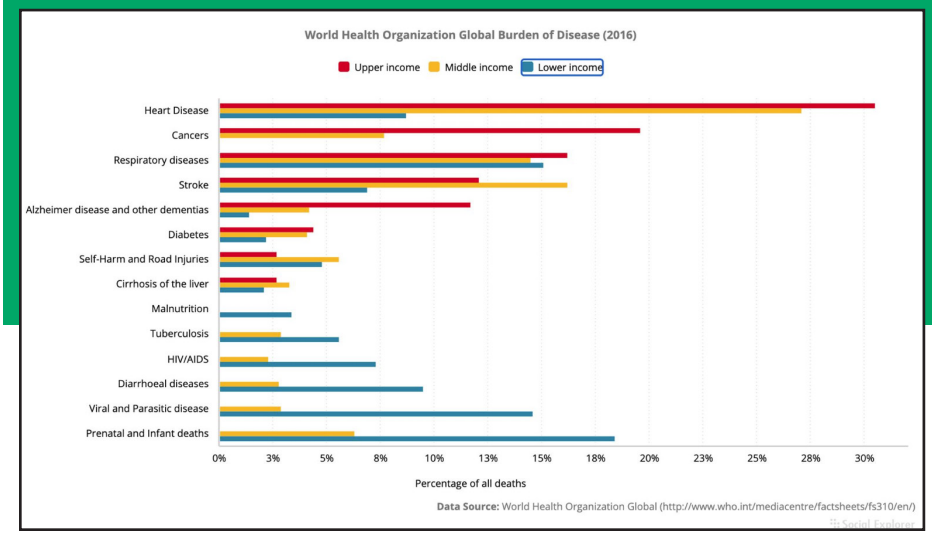
A highly relevant approach structured around data literacy

As the first all-digital course solution, Revel® *A Changing Planet* eliminates the need for a conventional textbook and provides the perfect foundation for an active and highly relevant environmental science course that focuses on key concepts and data literacy.

Flexible, self-contained modules allow instructors to easily assign topics that align with their course syllabus and teaching style. Clearly stated learning objectives are addressed in each module and are reinforced with auto-graded assessment questions.

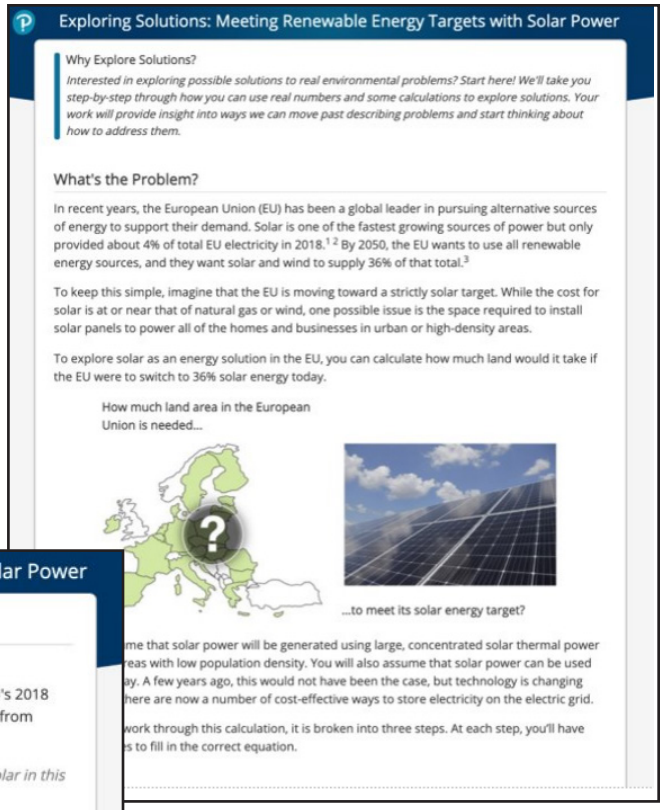


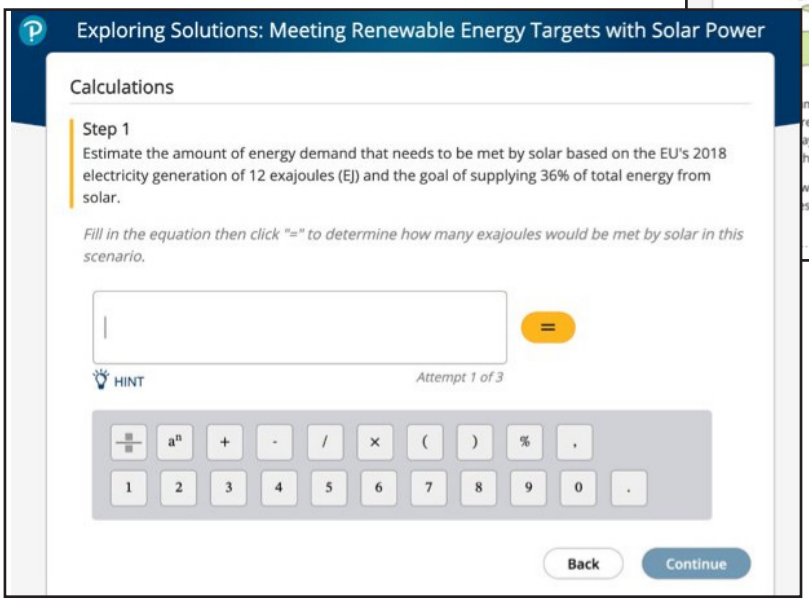




Guided Data Explorations require students to manipulate data to help them develop quantitative reasoning and analytical skills. Each activity guides students to practice data analysis skills using a series of multiple-choice auto-graded assessment items.

Exploring Solutions modules, included in 6 chapters, walk students through how to perform simple calculations around potential solutions to environmental issues such as, How many solar panels are needed to power an entire town?





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Instructor Resources help bring essential content to life and include:

- **Guided Data Exploration worksheets** help students develop data literacy skills and challenge them to think critically beyond the concepts presented in the modules.
- **Test bank questions** are provided for each chapter, cover each part of the Bloom's taxonomy scale, and are organized by learning objective. Approximately 800 assessment items include multiple choice, scenario-based and short answer question types.
- **Class Preparation Resources**, developed as PowerPoint slides to accompany each chapter, present examples that illustrate key concepts and environmental issues. Embedded discussion questions allow instructors to efficiently prepare a relevant and impactful lecture.

About the author

Jason C. Neff is Associate Professor and Director for Undergraduate Studies in the Environmental Studies Program at the University of Colorado at Boulder. Jason has taught the large introductory environmental science course at CU Boulder for over a decade and has experimented with a variety of active learning and new science education techniques in that time. Jason received his BA from CU Boulder and his Ph.D. from Stanford University. Jason is a biogeochemist whose research includes studies of carbon and nutrient cycling on land and in the atmosphere in locations from the Amazon to the Arctic.

Revel

Learn more and explore the content at **www.pearsonhighered.com/Revel**

Revel offers an immersive, flexible, and entirely digital learning experience that engages students in the Environmental Science course. Concise modules integrate the author's narrative with interactive explorations and assessment questions, allowing students to learn, experience, and understand key concepts without breaking stride. Instead of simply reading about environmental science concepts, students can use Revel to develop data literacy skills and check their understanding with frequent assessment along the way. By providing opportunities to "read a little, do a little" in tandem, Revel ensures that your students are ready to explore the most exciting aspects of environmental science.