

Why Carbon Matters for Your Business

As shifting energy policies and rapidly evolving global markets continue to redefine the landscape of climate action, one thing has become unmistakably clear: **Organizations need deeper climate understanding to lead effectively through change.** Regulations are tightening, supply chains are being disrupted by extreme weather, investor expectations are evolving, and customers increasingly want insight into the environmental footprint behind the products and services they choose. In this environment, teams need a clear, practical understanding of carbon science, climate risk, and emissions management to make informed, future-ready decisions.

EcoEngineers, now part of LRQA's global assurance network, has long specialized in guiding clients through the complexities of clean energy, carbon markets, and regulatory compliance. Through EcoEngineers' training arm, EcoUniversity, and the Carbon Matters Series, that expertise is now reaching a wider audience, offering accessible, science-based education designed to build real capability.

The Carbon Matters Series helps learners develop the fluency required to operate in a carbon-constrained world.

The program moves beyond introductory concepts, giving teams a grounded understanding of how carbon systems function and how emissions can be measured and reported with accuracy.



About the Course

Learners begin with the carbon cycle, establishing a foundation for understanding how carbon moves through natural systems and how human activity has disrupted these processes.

They then examine climate risks—both physical and transitional—and explore how these forces influence supply chains, infrastructure, labor conditions, and long-term planning.

The training next introduces the tools professionals need to respond effectively: adaptation and mitigation strategies, de-risking approaches, life-cycle-based thinking, and the technical skills essential for greenhouse gas accounting and carbon reporting. By clarifying concepts like Scope 1, 2, and 3 emissions, additionality, baselines, and the distinctions between compliance and voluntary reporting, the series equips learners to lead confidently, whether drafting disclosures, evaluating risks, or shaping decarbonization strategies.

By the end of the program, participants understand how to calculate, interpret, and report greenhouse gas emissions with accuracy and confidence.

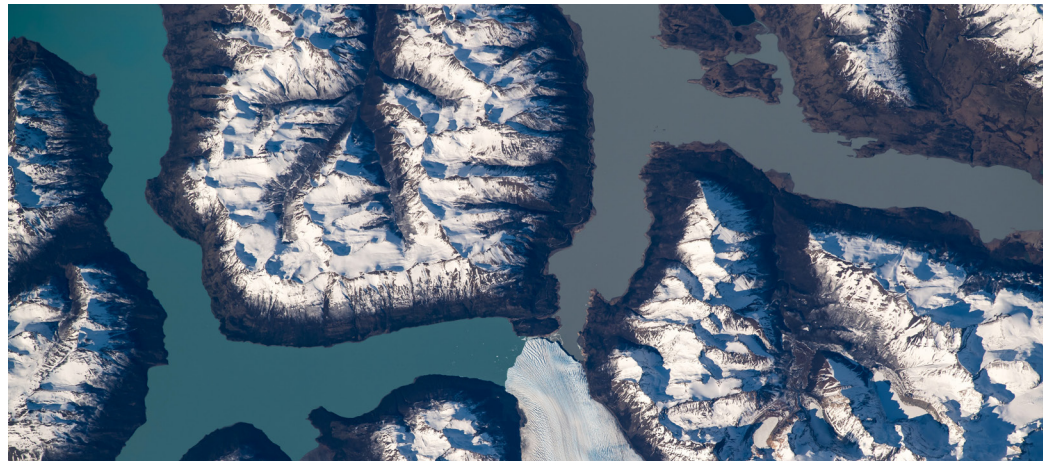
Ultimately, Carbon Matters is more than a series of modules, it is a leadership platform. It reflects EcoUniversity's mission to transform climate literacy into a strategic advantage and help professionals engage meaningfully with the realities of a low-carbon future.

Who should take this course

- Sustainability and ESG professionals
- Engineers and environmental scientists
- Policy makers and climate strategists
- Business leaders and operational decision-makers

“Our goal is to empower people to recognize their own influence in shaping a low-carbon future. When professionals understand the science and the stakes, they make decisions that ripple beyond their own organizations.”

- Lyndsey Nielsen, Director, EcoUniversity



- Internal auditors and reporting teams
- Educators and communicators
- Students and emerging climate professionals
- Anyone responsible for understanding, measuring, or reporting emission

Course Offerings

- E-learning
- Virtual instructor-lead training
- Private B2B engagements

For more information, contact Lyndsey Nielsen, Director, EcoUniversity, at lnielsen@ecoengineers.us.

Course Modules:

- Carbon Cycle & Climate Science
- Climate Risk
- Climate Adaptation, De-Risking & Mitigation
- GHG Accounting (Scope 1, 2 & 3 & LCA concepts)
- Carbon Reporting, Verification & Compliance