

Envision Sustainability Professional Online Training Modules

These training modules are designed to educate you on Envision and prepare you to take the exam to earn the Envision Sustainability Professional (ENV SP) credential. You must complete the training modules to be eligible to take the exam.

Learning Objectives (at the end of this course, you will be able to):

- Describe the components of Envision
- Use Envision on projects
- Determine levels of achievement in the Envision credits
- Navigate the ISI website to use Envision online
- Describe the verification process

ENV SP Training Module 1: Introduction to Envision

In Module 1 we will provide

- An overview of Envision and ISI;
- The role and purpose of Envision;
- A brief introduction to sustainability;
- The organization and structure of Envision, including important principles;
- An introduction to using Envision.

By the end of Module 1 you will feel confident to

- Describe the components of the Envision framework
- Distinguish when it is appropriate to use Envision
- Demonstrate how infrastructure can address the challenges inherent to sustainable development
- Demonstrate how the Envision framework relates to sustainable infrastructure
- Describe the process for assessing a project

ENV SP Training Module 2: Quality of Life

In Module 2 we will provide a brief overview of the Quality of Life category, its importance in developing sustainable infrastructure, and the organization and structure of Quality of Life credits within the Envision rating system. We will discuss

each credit, provide examples of its application, and allow you to practice making assessments.

The Quality of Life category addresses project impacts on communities at multiple scales through the three subcategories of Wellbeing, Mobility, and Community. They include the way a project advances the long-term goals of the community as a whole, protects individual wellbeing and mobility, and preserves or enhances the livability and culture of the community.

By the end of Module 2, you will feel confident to

- describe the purpose of the Quality of Life category within the Envision rating system
- list and differentiate credits
- implement the skills taught during the module to assess your level of achievement on Quality of Life credits.

ENV SP Training Module 3: Leadership

In Module 3, we will provide a brief overview of the Leadership category, its importance in developing sustainable infrastructure, and the organization and structure of Leadership credits within the Envision rating system. We will discuss each credit, provide examples of its application, and allow you to practice making assessments.

The Leadership category addresses whether projects have incorporated a broad enough range of input and perspectives in order to understand the true social, economic, and environmental impacts and trade-offs of the project. It also addresses whether project teams have the commitment, planning, and management systems in place to execute a sustainable project successfully. These concepts are conveyed in the three subcategories of Collaboration, Planning, and Economy.

By the end of Module 3, you will feel confident to

- describe the purpose of the Leadership category within the Envision rating system,
- list and differentiate credits,
- implement the skills taught during the module to assess your level of achievement on Leadership credits.

ENV SP Training Module 4: Resource Allocation

In Module 4 we will provide a brief overview of the Resource Allocation category, its importance in developing sustainable infrastructure, and the organization and structure of Resource Allocation credits within the Envision rating system. We will discuss each credit, provide examples of its application, and allow you to practice making assessments.

Resources are the assets that are needed to build infrastructure and keep it operational. Resources addressed in the Resource Allocation category include physical materials (both those that are consumed and those that leave the project as waste), energy, and water use. In fact, Materials, Energy, and Water comprise the three subcategories of Resource Allocation.

By the end of Module 4, you will feel confident to:

- Describe the purpose of the Resource Allocation category within the Envision rating system;
- List and differentiate credits; and
- implement the skills taught during the module to assess your level of achievement on Resource Allocation credits.

ENV SP Training Module 5: Natural World

In Module 5 we will provide a brief overview of the Natural World category, its importance in developing sustainable infrastructure, and the organization and structure of Natural World credits within the Envision rating system. We will discuss each credit, provide examples of its application, and allow you to practice making assessments.

The Natural World category addresses not only how to be aware of and minimize negative impacts to ecosystems, but also encourages infrastructure to interact with natural systems in a synergistic way. The subcategories of Siting, Conservation, and Ecology prioritize: avoiding important ecological areas, preventing contamination of natural systems, and preserving species and their habitats.

By the end of Module 5, you will feel confident to

- describe the purpose of the Natural World category within the Envision rating system,
- list and differentiate credits, and
- implement the skills taught during the module to assess your level of achievement on Natural World credits.

ENV SP Training Module 6: Climate and Resilience

In Module 6, we will provide a brief overview of the Climate and Resilience category, its importance in developing sustainable infrastructure, and the organization and structure of Climate and Resilience credits within the Envision rating system. We will discuss each credit, provide examples of its application, and allow you to practice making assessments.

The Climate and Resilience category asks project teams to consider that past trends or design standards may not be appropriate for all projects, and that considering changing future operating conditions is a critical way to reduce Resilience, protect safety, and ensure long-term project benefits.

This category addresses two critical issues: reducing the production of harmful emissions and ensuring projects are resilient to short- and long-term Resiliences. These constitute Climate and Resilience's two subcategories of Emissions and Resilience.

By the end of Module 6, you will feel confident to

- describe the purpose of the Climate and Resilience category within the Envision rating system,
- list and differentiate credits, and
- implement the skills taught during the module to assess your level of achievement on Climate and Resilience credits.

ENV SP Training Module 7: Using Envision

In Module 7, we will pull together all that you have learned about the 60 Envision credits to perform a project assessment. We'll show you several ways you can use Envision to support sustainable infrastructure. We will discuss how to conduct a successful self-assessment and how to pursue an Envision award through the third-party verification program. We will also explain how to proceed after this course to take the exam and earn the Envision Sustainability Professional credential.

By the end of Module 7, you will feel confident to

- use Envision to improve the sustainability of infrastructure projects,
- describe the project self-assessment process,
- describe the project verification process, and
- list the steps to achieve the ENV SP credential.