



New Online Multi-Objective Decision Analysis Training Available to Help Agencies Prioritize Investments

How can agencies determine where to invest limited funding across program areas to achieve maximum results? How can agencies balance competing priorities and objectives?

The answers to these questions and many more can be found in a NEW web-based training for incorporating a structured, a data-informed, performance-based approach to help prioritize investments across asset classes and performance areas called multi-objective decision analysis (MODA).

The MODA Training Course is available on the TPM Training Hub and is part of the new Transportation Performance Management Category on the AASHTO Store . This course offers professional development hours.

Register Today

For more information and to register for this training, visit the [TPM Training Hub](#) on the [TPM Portal](#) or the [AASHTO Store](#).

Who the Course is For

This course is for transportation professionals responsible for:

- Prioritizing investments across program areas
- Developing Statewide Transportation Improvement Plans (STIP) or Regional Transportation Improvement Plans (RTIPs)
- Setting performance targets

What's in the Course

Lesson 1

- Define Multi-Objective Decision Analysis (MODA)
- Explain the relationship between MODA and Transportation Performance Management (TPM)
- Summarize the benefits of, and challenges to, using MODA
- Describe how an agency may implement MODA in their investment prioritization process

Lesson 2

- Explain the steps in implementing MODA for investment prioritization
 1. Establish the scope
 2. Define goals and objectives
 3. Select performance measures and evaluation criteria
 4. Assess data and analytical capabilities
 5. Prototype the approach
 6. Set weights on goals and objectives
 7. Apply the model
 8. Communicate the results
- Describe how agencies have implemented MODA

About Multi-Objective Decision Analysis (MODA)

MODA is:

- A structured approach for choosing between a set of alternatives considering multiple objectives
- An approach that a transportation agency can use to support prioritization of different investment alternatives when programming across different performance areas
- Supported by quantifying one's objectives and the value obtained with respect to each objective – for each alternative under consideration
- Designed to yield a prioritized set of investments balancing different objectives

Register today to learn more!

<https://www.tpm-portal.com/training-hub/>

For more information on MODA

- NCHRP Report 806: [Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance](#)
- NCHRP Report 921: [Case Studies in Implementing Cross-Asset Multi-Objective Resource Allocation](#)

