

# Atlas Online Weathering Academy Fundamentals of Weathering

Continuing Atlas' long tradition of providing weathering related seminars and workshops for our clients, the Atlas Client Education Team has developed an online seminar program based upon our signature seminar "Fundamentals of Weathering."

These live webinars introduce the fundamentals of natural and accelerated weathering and are ideal for those involved with designing, evaluating, specifying, selling, or purchasing materials or products that could be affected by exposure to solar radiation or weather. This includes materials engineers, product managers, marketing and sales managers, R & D personnel and formulation chemists or anyone needing to understand weatherability and its effect on materials performance.

## Seminar Topics

- **Part 1: Factors of Weathering**  
This seminar addresses the influences of weather, i.e. solar radiation, temperature, and moisture on materials including how they are measured and how their impact can be estimated.
- **Part 2: Outdoor Weathering**  
This seminar addresses the fundamentals of natural weathering. This includes static exposures in different reference climate zones as well as various outdoor accelerated test methods.



- **Part 3: Laboratory Weathering**  
This seminar addresses different kinds of weathering laboratory instruments, various lamp types and their spectral irradiance distribution as well as choosing the right instrument for various applications.
- **Part 4: Weathering Testing and Basic Standards**  
This seminar addresses how environmental stress factors are translated into artificial weathering test cycles and the purpose of standards for weathering testing. Examples are given on the most common test methods for automotive, textiles, coatings, and other applications.
- **Part 5: Acceleration and Correlation**  
This seminar addresses the principles of how to accelerate weathering tests and what has to be considered to avoid unrealistic results. Mathematical/statistical procedures are described on how to compare and how to validate weathering results from different exposures.

## Registration

Attendance to the seminars is **free!** To register to attend, visit [www.atlasmtt.com/onlinefow](http://www.atlasmtt.com/onlinefow) and click on the appropriate dates for each seminar you wish to attend in order to complete your registration for that event.