

Environmental Monitoring

Core Knowledge Areas and Knowledge Requirements for Professional Practice in the Practice Area.

To qualify for the *Environmental Monitoring* practice area a minimum four of seven Core Knowledge Areas (CKAs) must be met (AIA CC Policy #21-001). Each knowledge requirement must consist of at least 3-credit equivalent of learning. A regulated member's scope of practice is restricted to those CKAs for which the member qualifies.

Core Knowledge Area	Required Subject Matter Areas (Knowledge Requirements)
<i>Air</i>	<ul style="list-style-type: none"> • Air Quality
<i>Contaminants</i>	<ul style="list-style-type: none"> • General Chemistry <p>At least one of the following:</p> <ul style="list-style-type: none"> • Environmental Chemistry • Soil Chemistry • Water Chemistry • Air Chemistry
<i>Data</i>	<ul style="list-style-type: none"> • Data Management • Sampling Methods and Design
<i>Ecology</i>	<ul style="list-style-type: none"> • Intro Ecology
<i>Soils</i>	<ul style="list-style-type: none"> • Introductory Soil Science • Soil Genesis and Classification • Soil Conservation and Management
<i>Vegetation</i>	<ul style="list-style-type: none"> • Introductory Plant Science • Vegetation Identification
<i>Water</i>	<ul style="list-style-type: none"> • Water Quality • Hydrology OR Hydrogeology
<p>Knowledge of a subject matter area may be based on an individual course or be part of multiple courses. For example, knowledge in hydrology may be obtained via an hydrology course or through portions of other courses such as soil physics, soil and water conservation, or watershed management courses.</p>	