# Introduction to LID - Eastern Washington

**Location:** Yakima  
**Date:** 9/8/14  
**Time:** 8:30 a.m. to 12:30 p.m.  
**Module:** 1.0

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-8:45</td>
<td>Introduction to course and instructors</td>
</tr>
<tr>
<td></td>
<td>- Agenda</td>
</tr>
<tr>
<td></td>
<td>- Learning objectives</td>
</tr>
<tr>
<td></td>
<td>- Logistics</td>
</tr>
<tr>
<td>8:45-9:15</td>
<td>Regulatory and Eastern WA Overview</td>
</tr>
<tr>
<td></td>
<td>- NPDES Permit requirements</td>
</tr>
<tr>
<td></td>
<td>- Eastern WA context</td>
</tr>
<tr>
<td>9:15-9:30</td>
<td>Purpose and Principles of LID</td>
</tr>
<tr>
<td></td>
<td>- Purpose of LID</td>
</tr>
<tr>
<td></td>
<td>- LID Principles</td>
</tr>
<tr>
<td></td>
<td>- Q&amp;A</td>
</tr>
<tr>
<td>9:30-9:45</td>
<td>Amended Soils</td>
</tr>
<tr>
<td></td>
<td>- Definition</td>
</tr>
<tr>
<td></td>
<td>- Benefits</td>
</tr>
<tr>
<td></td>
<td>- Applications &amp; limitations</td>
</tr>
<tr>
<td></td>
<td>- Design considerations</td>
</tr>
<tr>
<td></td>
<td>- Q&amp;A</td>
</tr>
<tr>
<td>9:45-10:00</td>
<td>Dispersion</td>
</tr>
<tr>
<td></td>
<td>- Definition and types</td>
</tr>
<tr>
<td></td>
<td>- Benefits</td>
</tr>
</tbody>
</table>
## Introduction to LID - Eastern Washington

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00- 10:15</td>
<td>Break</td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Bioretention and Rain Gardens</td>
</tr>
<tr>
<td></td>
<td>• Definition and types</td>
</tr>
<tr>
<td></td>
<td>• Components</td>
</tr>
<tr>
<td></td>
<td>• Differences between bioretention and rain gardens</td>
</tr>
<tr>
<td></td>
<td>• Benefits</td>
</tr>
<tr>
<td></td>
<td>• Applications &amp; limitations</td>
</tr>
<tr>
<td></td>
<td>• Site suitability criteria</td>
</tr>
<tr>
<td></td>
<td>• Design considerations</td>
</tr>
<tr>
<td></td>
<td>• Basic maintenance</td>
</tr>
<tr>
<td></td>
<td>• Case study (or Q&amp;A)</td>
</tr>
<tr>
<td>10:45-10:55</td>
<td>Trees</td>
</tr>
<tr>
<td></td>
<td>• Components</td>
</tr>
<tr>
<td></td>
<td>• Benefits</td>
</tr>
<tr>
<td></td>
<td>• Applications &amp; limitations</td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Permeable Pavement</td>
</tr>
<tr>
<td></td>
<td>• Definition and types</td>
</tr>
<tr>
<td></td>
<td>• Components</td>
</tr>
<tr>
<td></td>
<td>• Benefits</td>
</tr>
<tr>
<td></td>
<td>• Applications &amp; limitations</td>
</tr>
<tr>
<td></td>
<td>• Design considerations</td>
</tr>
<tr>
<td></td>
<td>• Basic maintenance</td>
</tr>
<tr>
<td></td>
<td>• Case study (or Q&amp;A)</td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>Break</td>
</tr>
</tbody>
</table>
# Introduction to LID - Eastern Washington

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30-11:50</td>
<td>Vegetated Roofs</td>
</tr>
<tr>
<td></td>
<td>• Definition and types</td>
</tr>
<tr>
<td></td>
<td>• Components</td>
</tr>
<tr>
<td></td>
<td>• Benefits</td>
</tr>
<tr>
<td></td>
<td>• Applications &amp; limitations</td>
</tr>
<tr>
<td></td>
<td>• Design considerations</td>
</tr>
<tr>
<td></td>
<td>• Q&amp;A</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>Rain Water Harvesting</td>
</tr>
<tr>
<td></td>
<td>• Definition and types</td>
</tr>
<tr>
<td></td>
<td>• Components</td>
</tr>
<tr>
<td></td>
<td>• Benefits</td>
</tr>
<tr>
<td></td>
<td>• Applications &amp; limitations</td>
</tr>
<tr>
<td></td>
<td>• Water rights</td>
</tr>
<tr>
<td></td>
<td>• Case study (or Q&amp;A)</td>
</tr>
<tr>
<td>12:10-12:20</td>
<td>LID resources</td>
</tr>
<tr>
<td>12:20-12:30</td>
<td>Wrap-up</td>
</tr>
<tr>
<td></td>
<td>• Other course offerings</td>
</tr>
<tr>
<td></td>
<td>• Online evaluation</td>
</tr>
<tr>
<td></td>
<td>• Certificate</td>
</tr>
</tbody>
</table>