

**SKILLS FRAMEWORK FOR LANDSCAPE  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE**

<b>TSC Category</b>	Environment					
<b>TSC</b>	Biophilic Design					
<b>TSC Description</b>	Design landscapes with the objective of increasing user engagement with nature					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
				<b>LNS-GED-4001-1.1</b>	<b>LNS-GED-5001-1.1</b>	
				Design landscapes for sustained user interaction with nature	Drive biophilic design in landscape projects	
<b>Knowledge</b>				<ul style="list-style-type: none"> <li>• Concepts of biophilia</li> <li>• Elements of biophilic design</li> <li>• Natural materials used in designing biophilic spaces</li> <li>• Flora and fauna species and their ideal living conditions</li> </ul>	<ul style="list-style-type: none"> <li>• Principles and concepts of biophilia and biophilic design</li> <li>• Objectives of biophilic design</li> <li>• Natural ecosystems found in the region</li> <li>• Biophilic design strategies</li> <li>• Applications, case studies and best practices in biophilic design</li> <li>• Natural materials used in designing biophilic spaces</li> </ul>	
<b>Abilities</b>				<ul style="list-style-type: none"> <li>• Identify ways to increase user engagement with nature</li> <li>• Determine the user experience for landscapes</li> <li>• Create landscape designs aimed at sustained user engagement with nature</li> <li>• Use natural materials for man-made structures in landscapes to complement the natural surroundings</li> <li>• Incorporate the natural living conditions of flora and fauna into landscape designs</li> </ul>	<ul style="list-style-type: none"> <li>• Drive research into identifying new ways to increase user engagement with nature</li> <li>• Establish the biophilic objectives of landscape design</li> <li>• Influence key stakeholders in adopting and endorsing the biophilic objectives of landscape design</li> <li>• Evaluate landscape designs for their biophilic value</li> <li>• Advise stakeholders on the use of natural patterns, shapes and materials in landscapes</li> </ul>	