



Craft Skills for Garden Conservation

- finding, developing, and sharing best practice in garden conservation

Title of the Unit:	U1 – Soil Management in Historic Gardens.	Version no.1 – 21.05.24
Description:	<p>Soils are a long-overlooked ecosystem that has become one of the world’s most vulnerable resources. Soils are literally the foundation for most of our garden heritage, and healthy soils are crucial to develop more resilient growing systems. The history of soil management goes back just as long as gardening itself, still the methods and techniques for treating the soil in historic gardens as culture heritage, is very much neglected. The subject needs to be studied and discussed, to come up with better solutions for the soil management in our historic gardens.</p> <p>This unit gives a theoretical background and hands-on practice for the topic Soil Management in Historic Garden. The webinar provides a broad theoretical background to the topic by experts from several countries, giving introductions to garden archaeology and to soil restoration. It shows different examples on soil recipes and soil management in the past and in different regions of Europe.</p> <p>The unit offers practise in different techniques and different tools in <i>Introduction to Garden Archaeology:</i></p> <ul style="list-style-type: none"> - Vertical excavations - Horizontals excavations <p>and in <i>Garden soil management:</i></p> <ul style="list-style-type: none"> - Digging - Double digging - No-dig - Broadfork <p>The unit also gives different examples on historic soil additives and how to make them, as well as presenting relevant modern regenerative, no-dig methods:</p> <ul style="list-style-type: none"> -Manure compost -Turf compost and making a loam stack 	

		-Green manure -Biochar and how to make it - Lime	
EQF Level:		6.1	
Learning Outcomes			
CSGC U-1	Code	Competance	
		Knowledge	Skills
1.1 <i>Introduction to Garden Archaeology</i>	U1 1.1	Knowledge: The participant <ul style="list-style-type: none"> has knowledge of scientific methods in Garden Archaeology and can apply these to their work in restoration of historic garden soil. 	Skills: The participant <ul style="list-style-type: none"> can apply relevant methods in Garden Archaeology for investigations in restoration of historic garden soil.
		Competence: The participant <ul style="list-style-type: none"> can exchange opinions and experiences with others with a background in the field and thereby contribute to the development of good practise in restoration of garden soil. 	
1.2	U1 1.2		

<p>Management and restoration of historic garden soils</p>	<p>Knowledge:</p> <p>The participant</p> <ul style="list-style-type: none"> • has knowledge of key topics, theories, issues, processes, tools, and methods within management and restoration of Historic Garden Soils • knows about research, development work and good examples within restoration of historic garden soil. • knows about the history of soil management, its traditions, uniqueness, and its place in society in different regions of Europe. • can apply the knowledge in practical and theoretical problem-solving of management and restoration of garden soils. • can update their knowledge on management and restoration of historic garden soil. 	<p>Skills:</p> <p>The participant</p> <ul style="list-style-type: none"> • can apply professional knowledge on management and restoration of historic garden soil to practical and theoretical issues and explain their choices. • can reflect on their own professional practice in management and restoration of historic garden soil and adjust this under guidance. • can master traditional techniques in soil management, like digging and double digging. • can make and mix different historical soil additives, such as manure compost, turf compost, charcoal, and lime. • can use modern, sustainable soil management techniques such as no-dig systems, cover-crops, and additives like biochar, evaluate them and consider them for use in management and restoration of historic garden soil.
	<p>Competance:</p> <p>The participant</p> <ul style="list-style-type: none"> • has insight into professional and ethical issues on restoring soil in historical gardens. • can plan and carry out tasks and projects on restoring historic gardening soil, both alone and as a participant in a group, and in line with ethical requirements and guidelines. • can exchange views with others with a background in restoring historic garden soils and participate in discussions about the development of good practice. 	