

INFORMATION ABOUT THE PERSON FILLING THE FORM	
<b>Name and family name</b>	<i>Lorena Gómez-Aparicio</i>
<b>Research organization</b>	<i>Institute of Natural Resources and Agrobiology (IRNAS-CSIC)</i>
<b>Position in the organization</b>	<i>Head of the SIFOMED (Mediterranean Forest Systems) research group</i>
<b>Country</b>	<i>Spain</i>
<b>E-mail</b>	<a href="mailto:lorenag@irnase.csic.es">lorenag@irnase.csic.es</a>
FACILITY <sup>1</sup>	
<b>Name of the facility</b>	<i>Short name and complete name (Original language and English translation)</i> Soil and Plant Research Laboratory
<b>Location of the facility</b>	<i>Country: Spain</i> <i>Postal address: Avda Reina Mercedes 10, 41012 Seville</i> <i>UTM coordinates: Latitude/Longitude (37° 23'N/05° 58'W)</i>
<b>Start date</b>	<i>Year since the facility has been operative: 1990</i>
<b>Type of facility</b>	<i>Short description</i> <i>Instrumentation and equipment for basic soil and plant physico-chemical analyses</i>
<b>Keywords</b>	<i>Nutrients, soil and plant physico-chemical analyses</i>
<b>Scientific characteristics</b>	<i>Scientific objectives</i> <i>Analysis of basic soil and plant physico-chemical and biological properties</i> <i>Interest for users</i> <i>Offer the possibility of analysing many soil and plant physico-chemical and biological properties such as macro-, micro-nutrient, and trace element concentration, and soil enzymatic activities</i> <i>Particularities in comparison to similar facilities: no particularities.</i> <i>Research projects in the frame of which the facility is used (include web site address)</i> <i>- The role of plant-soil feedbacks in the dynamics of declining Quercus forests (RETROBOS). 2012-2014. CGL2011-26877, Spanish Ministry of Science and Innovation.</i> <i>Impact of wading birds on the biogeochemical cycles of Mediterranean forest ecosystems (BIOGEOBIRD). 2011-2014. Andalucía Regional Government.</i> <i>- The decline of cork oak forests in the Doñana National Park (DECALDO). 2009-2013. Ref. 091/2009. National Parks' Organism, Ministry of the Environment and Rural and Marine Affairs (<a href="http://www.irnase.csic.es/users/pajarera/home.php">http://www.irnase.csic.es/users/pajarera/home.php</a>)</i>
<b>Technical characteristics</b>	<i>Detailed description of instrumentation</i> <i>- Auto-analyzer Bran-Luebbe</i> <i>- TOC-V Analyzer with N module Shimadzu</i> <i>- Spectrometer ICP-OES Varian ICP 720-ES</i> <i>- High-resolution Continuum Source atomic absorption spectrometer contraA<sup>®</sup> 300 Analytikjena</i> <i>- Multi-mode microplate reader FLUOstar Omega (BMG Labtech), working in (UV-VIS) absorbance, fluorescence and luminescence mode.</i> <i>- WinRhizo (root analysis system).</i>

<sup>1</sup> Note: This information could be published in the webpage of FORESTERRA.



# FORESTERRA

Enhancing FOrest RESearch in the MediTERRAnean through improved coordination and integration



	<p><i>Measured parameters</i></p> <ul style="list-style-type: none"> <li>- Total C and N in soils and plant tissues</li> <li>- Macro- and micro-nutrients and non-essential trace elements in soils and plant tissues.</li> <li>- Soil physical and biological properties.</li> <li>- Root structural characteristics using WinRizo software (Régent Instruments)</li> </ul> <p><i>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i></p>
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## SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

<b>Principal investigator</b>	<p><i>Name and e-mail address</i></p> <p>Lorena Gómez Aparicio (<a href="mailto:lorenag@irnase.csic.es">lorenag@irnase.csic.es</a>)</p>
<b>One line for each additional person</b>	<p><i>Name and e-mail address</i></p> <p>Luis Ventura García (<a href="mailto:ventura@cica.es">ventura@cica.es</a>)</p>

## ADMINISTRATIVE INFORMATION

<b>Availability for participating in mutual measurements</b>	<p>Yes</p> <p>Lorena Gómez Aparicio (<a href="mailto:lorenag@irnase.csic.es">lorenag@irnase.csic.es</a>)</p>
	<p><i>Conditions or Policy of use</i></p>
<b>Availability for accessing the data collected</b>	<p>Yes</p> <p>Lorena Gómez Aparicio (<a href="mailto:lorenag@irnase.csic.es">lorenag@irnase.csic.es</a>)</p>
	<p><i>Conditions or Policy of use</i></p>
<b>Institution that manages the facility</b>	<p>IRNAS-CSIC</p>
	<p><a href="http://www.irnase.csic.es/">http://www.irnase.csic.es/</a></p>
<b>Structure or institution which manages the data</b>	<p>IRNAS-CSIC</p>
	<p><a href="http://www.irnase.csic.es/">http://www.irnase.csic.es/</a></p>
<b>Is the facility participating in a national or international Network?</b>	<p>No</p>
	<p><i>URL address</i></p>
<b>Is the facility open for transnational collaboration?</b>	<p>Yes</p>