

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	MAGDA PLA
Research organization	Forest Sciences Centre of Catalonia (CTFC)
Position in the organization	REMOT SENSING AND GEOGRAPHIC INFORMATION LABORATORY
Country	SPAIN
E-mail	Magda.pla@ctfc.cat
FACILITY ¹	
Name of the facility	TECHNOLOGICAL INFRASTRUCTURE FOR PROCESSING AND STORAGE DATA
Location of the facility	SPAIN CTFC-Can Mascaró. Crta. Sant Llorenç, km2 25280 SOLSONA UTM coordinates: 41.99216,1.516736
Start date	2013
Type of facility	Computing facility
Keywords	Server process, data storage, spatial information analysis, remote sensing information processing
Scientific characteristics	<p>Server process and storage information</p> <p>Computing facility aimed at better dealing with the needs from handling and modelling large spatial environmental data sets.</p> <p>It's located at Solsona, a little bit far from Catalan communication nets.</p> <ul style="list-style-type: none"> - MEDFIRE model https://sites.google.com/site/medfireproject/ - Biopred: : Integration of perturbation dynamics in the spatial prediction of biodiversity: the case of fire in Mediterranean ecosystems http://biodiversitylandscapeecologylab.blogspot.com.es/search/label/Applied%20projects - Scales: http://www.scales-project.net/ - Montes: http://www.creaf.uab.es/montes_eng/ - Eu-Bone: http://www.eubon.eu/ - BiodivERsA project: FARMLAND Heterogeneity and ecosystem services in farmland landscapes http://www.biodiversa.org/
Technical characteristics	<ul style="list-style-type: none"> - Special high performance server for server rooms with a powerful processor (quaduple) , capacity expandable memory to improve performance. - Storage Server consists of a disk array expandable and scalable SAN or NAS type, with a capacity of about 100 terabytes of information. Redundant itself to ensure the integrity of information. With a system interconnexion between components of high performance type iSCSI .

¹ Note: This information could be published in the webpage of FORESTERRA.

Research facility. A facility is usually located in a laboratory or in a specific building where it is possible to fix and control, partially or completely, the experimental conditions.



FORESTERRA

Enhancing FOrest RESearch in the MediTERRAnean through improved coordination and integration



SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

Principal investigator	<i>Lluís Brotons - lluis.brotons@ctfc.cat</i>
One line for each additional person	<i>Toni Rosales - toni.rosales@ctfc.cat (system technician)</i> <i>Magda Pla - magda.pla@ctfc.cat (applied technician)</i>

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	<i>No</i>
Availability for accessing the data collected	<i>No</i>
Institution that manages the facility	<i>Centre Tecnològic Forestal de Catalunya (CTFC) - Forest Sciences center of Catalonia</i> <i>http://www.ctfc.cat/?lang=en</i>
Structure or institution which manages the data	<i>Centre Tecnològic Forestal de Catalunya (CTFC) - Forest Sciences center of Catalonia</i> <i>http://www.ctfc.cat/?lang=en</i>
Is the facility participating in a national or international Network?	
Is the facility open for transnational collaboration?	<i>In process</i>