

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	Bernard PREVOSTO
Research organization	Irtsea
Position in the organization	Scientist
Country	France
E-mail	bernard.prevosto@irstea.fr
EXPERIMENTAL SITE ¹	
Name of the site	Barbentane 2
	URL address
Location of the site	France
	13570 Barbentane
	43°54'N 4°44'E
Start date	2008
Characteristics of the forest ecosystem where it is located	<p>Most relevant features:</p> <ul style="list-style-type: none"> - Vegetation : mixed plantations: <i>Pinus halepensis</i> + <i>Quercu ilex/Quercus pubescens</i> - Soil characteristics : loamy soil, high fertility - Mean annual temperature 14°C - Mean annual rainfall: 689 mm - Altitude, slope, aspect: flat area - others...: previously croplands
Keywords	<p>3-5 keywords to describe the experimental site and its objectives</p> <p>Mixed plantation, interaction, neighbour effect</p>
Scientific characteristics	<p>Scientific objectives: Understand interactions between neighbouring species of different life forms (pine tree, shrub, or mixture) and target species (oaks)</p>
	<p>Interest for users Management of mixed plantations</p>
	<p>Particularities in comparison to others sites</p>
	<p>Research projects in the frame of which the experimental site is used (include web site address)</p>
Technical characteristics	<p>Detailed description (including instrumentation)</p> <p>-80 plots (2m*2.5m) distributed in : 2 oak species (<i>Q. ilex/Q.pubescens</i>)*5 neighbour treatments*2 vegetation treatment (weeded/unweeded)*4 replicates</p> <p>-neighbour treatments: target species (oaks) with i) pine at low density, ii) pine at high density, iii) coronilla shrub, iv) pine+coronilla, v) no neighbour</p> <p>-planting in 2008 of 1 year old seedling-</p>
	<p>Measured parameters</p>
	<p>Measurements of light availability, soil moisture, monitoring of the seedlings and</p>
	<p>If there is any file, map or images relevant about this infrastructure, please attach them (indicating here the name of the file). For details and some results cf. B. Prevosto et al., 2012, J. Appl. Ecol, 49:1344-1355</p>
SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE INFRASTRUCTURE	
Principal investigator	bernard.prevosto@irstea.fr
One additional line per person	christian.ripert@irstea.fr

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



FORESTERRA

Enhancing FOrEst RESearch in the MediTERRAnean
through improved coordination and integration



ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	Yes
	<i>If yes, Name and e-mail address of the contact person: cf above</i>
	<i>Conditions or Policy of use</i>
Availability for accessing the data collected	Yes
	<i>If yes, Name and e-mail address of the contact person: cf. above</i>
	<i>Conditions or Policy of use</i>
Institution that manages the site	<i>Irtsea, UR EMAX</i>
	<i>http://www.irstea.fr/emax</i>
Institution that manages the data	<i>Irtsea, UR EMAX</i>
	<i>http://www.irstea.fr/emax</i>
Is the site participating in a national or international Network?	No
	<i>URL address</i>
Is the site open for transnational collaboration?	Yes