

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	Roland HUC
Research organization	Institut National de la Recherche Agronomique
Position in the organization	
Country	France
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EXPERIMENTAL SITE ¹	
Name of the site	Site atelier de Font-Blanche
	Experimental site Font-Blanche
	http://www.gip-ecofor.org/f-ore-t/fontBlanche.php
Location of the site	France
	Département des Bouches du Rhône, 9km North-East of La Ciotat
	UTM coordinates: 5°40'43"E / 43°14'27"N
Start date	2008
Characteristics of the forest ecosystem where it is located	<p>Mean annual temperature : 13.5 °C</p> <p>Mean annual rainfall : 722 mm</p> <p>Altitude 420m,</p> <p>Vegetation : mixed forest of <i>Pinus halepensis</i> (upperstrata) and <i>Quercus ilex</i> (undergrowth)</p> <p>Soil : altered limestone with high stone content</p> <p>Bedrock: fractured hard limestone</p> <p>Texture : silty-clayey-sandy</p>
Keywords	Climate change; Ecophysiology ; Forestry ; Bouches du Rhone; France; mixed forest ; <i>Pinus halepensis</i> ; <i>Quercus ilex</i> ; <i>Quercus coccifera</i> ; Mediterranean ; eddy-covariance
Scientific characteristics	<p>Scientific objectives:</p> <ul style="list-style-type: none"> • Quantify the dominant factors of the carbon and water balance in a mixed Mediterranean forest • Modelling the carbon and water balance • Study the adaptive variability of functional traits
	<p>Interest for users:</p> <p>Continuous monitoring and 3D modelling of physiological process</p>
	<p>Particularities in comparison to others sites:</p> <p>Mixed Mediterranean forest undergoing recurrent drought; Additional plot with 30% throughfall exclusion since 2009</p>
	<p>Research projects in the frame of which the experimental site is used :</p> <p>GICC ReForMe http://www.gip-ecofor.org/gicc/?q=node/258</p> <p>Drought+ http://cemadoc.irstea.fr/cemoa/PUB00032858</p>
Technical characteristics	<p>Detailed description:</p> <p>1 plot 80x80m + 2 plots 25x25m</p> <p>Equipment : tower flow above canopy</p>
	<p>Measurements :</p> <p>Eddy flow / micrometeorology</p> <p>Ecophysiological, dendrometrical and phenological measurements</p> <p>Sap flow</p>

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

Soil moisture
Soil respiration



SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE INFRASTRUCTURE

Principal investigator	Roland HUC roland.huc@avignon.inra.fr
	Modelling : Guillaume SIMIONI guillaume.simioni@avignon.inra.fr Metrology: Olivier MARLOIE Olivier.marloie@avignon.inra.fr Phenology : Michel VENNETIER michel.vennetier@irstea.fr Microdendrology : Frédéric GUIBAL frederic.guibal@univ-cezanne.fr

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	Yes Contact person: Roland HUC
	Not specific conditions. Contact the principal investigator or persons working on the site
Availability for accessing the data collected	Yes Contact person: Roland HUC For Meteorological data, CO ₂ and H ₂ O flux, request through: http://gaia.agraria.unitus.it/
	Data access (public or restricted depending on the nature of data) Regulated data use. See conditions at: http://gaia.agraria.unitus.it/home/data/data-policy
Institution that manages the site	INRA-PACA. National Institute of Agronomic Research. Centre Provence-Alpes-Côte d'Azur
	http://www.paca.inra.fr/
Institution that manages the data	INRA-PACA. National Institute of Agronomic Research. Centre Provence-Alpes-Côte d'Azur
	http://www.paca.inra.fr/
Is the site participating in a national or international Network?	Integrated Carbon Observation System Network (ICOS): http://www.icos-infrastructure.eu/home SOERE F-ORE-T: http://www.allenvi.fr/?page_id=768 MISTRALS Hymex : http://www.hymex.org/ MISTRALS Sicmed – Semafor: www.sicmed.net/#/semafor/3931991
Is the site open for transnational collaboration?	Conditions: