

Name SURNAME: André CHANZY			
Function:	Senior scientist		
Institution:	INRA		<input type="checkbox"/> Funding Agency x Programme Manager
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Division	Environnement et Modélisation des Agro-Hydrosystèmes (EMMAH laboratory)		
Areas of Expertise:			
Soil Physic and Agronomy Remote sensing and in situ soil moistures measurements (TDR, capacitance probe) Environmental modelling (SVAT model, crop model)			
Short Description of your Institution:			
INRA action will be coordinated by the EMMAH laboratory located in Avignon. It has about 80 permanent peoples including 35 scientists. Its main objective is to contribute to the analysis and prediction of the impacts of global changes (climate, land cover, agricultural practices) on ground water quantity and quality, agricultural production and water cycle, and soil physical and biogeochemical behaviour, in particular in mediterranean landscapes and territories. To address such issues, researches rely on the use of remote sensing data, the monitoring of experimental sites, laboratory measurements and methodological developments to better understand and model the functioning of the mediterranean ecosystem			
Role in the project:			
Lead of WP 2, participation to the France use case, Methodological development on irrigation need map based on remote sensing and crop models.			

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