



Name SURNAME: Josè A. Sobrino		
Function:	Professor of Physics and Remote Sensing	
Institution:	University of Valencia (Spain)	<input type="checkbox"/> Funding Agency <input type="checkbox"/> Programme Manager
Email:	sobrino@uv.es	
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Division	Global Change Unit.	
Areas of Expertise:		
<p>Head of the Global Change Unit. President of the Spanish Association of Remote Sensing. Member of the Earth Science Advisory Committee of the European Space Agency (ESA). President of the international Symposiums Recent Advances in Quantitative Remote Sensing held in Spain in 2002, 2006, 2010 and 2014.</p> <p>Leader of the Thermal Infrared Explorer mission proposed to ESA. Research interests cal/val activities, atmospheric correction, retrieval of emissivity, temperature, evapotranspiration, etc.</p>		
Short Description of your Institution:		
<p>The research area of Global Change Unit is related to changes that happen in our planet, which are analyzed with Remote Sensing Satellites and Digital Treatment support. The aim of our research group is to develop operative algorithms to estimate different biophysical parameters such as Land Surface Temperature, Sea Surface Temperature, surface emissivity, ground albedo, thermal inertia, evapotranspiration, net radiation, atmospheric water vapor content, among others. All of this is based on remote sensors localized on satellites platforms (AVHRR, TM, AATSR, MODIS; SEVIRI, METOP, ASTER) and airborne sensors (DAIS, AHS, ect). In addition, GCU also organize and realize field campaigns frequently where some of this parameters are determined using Radiometers, thermal cameras, ect</p>		
Role in the project:		
<p>The scientific coordinator of Global Change Unit. The Unit is involved in the ground monitoring for the Spanish case studies (WP1) and in the satellite data of hydrological parameters (WP2) for all the case studies.</p>		

Date, 16/09/2016