

# Operational tools for improving efficiency in wildfire risk reduction in EU landscapes

## **FIREfficient**

*Compilation of information and publicity actions at EU  
and international level*

(Solsona, December 30, 2015)

## Project presentations in seminars, conferences and workshops:

EVITA European project seminar (Palma de Mallorca, 10th September 2014). Presentation about evacuation plans and building characteristics in wildland-urban interface and technical criterias to classify Fire Types and their implications in the forest fire emergency management and the risk assessment. Marta Miralles, UT-GRAF, Fire Service-Government of Catalonia.

Technical meeting with Bouches-du-Rhône Fire Service (Velaux, 6-9th October 2014). Meeting to share knowledge and expertise in how do a land planning according to the wildfire scenario useful for the operational analysis needs of the forest fire emergency. Useful experience and thoughts to improve the methodology for incorporating large fire risk into landscape management decision making. Marta Miralles and Edgar Nebot, UT-GRAF, Fire Service-Government of Catalonia.

XXV es Rencontres Réseau des équipes de brûlage dirigé Aménagement contre l'incendie d'un territoire forestier : l'emploi du feu dans la gestion du combustible. Le cas de la forêt territoriale de Bavella Sambuco (Corsica, 14-16, October 2014). Presentation: *Developing a methodology for incorporating large fire risk into landscape management decision making*. Edgar Nebot, UT-GRAF, Fire Service-Government of Catalonia.  
[http://blocs.gencat.cat/blocs/AppPHP/loforestalillo/files/2015/07/Forestalillo160\\_CAT.pdf](http://blocs.gencat.cat/blocs/AppPHP/loforestalillo/files/2015/07/Forestalillo160_CAT.pdf)

The Sill Project Wildfire 2014 Conference (Northumberland, October 22–23, 2014). Presentation: *Aerial sensing and simulation modelling for enhancing preparedness and prevention in Northern European landscapes*. Smith, T.E.L., Hewitt, C., KCL.

International Mediterranean Conferences “Wildfires in the urban interface; towards a wildfire risk integration into land planning” (Barcelona, October 25-27, 2014). Presentation: *Risk and emergency planning; opportunities and challenges in the management of complexity*. Eduard Plana, CTFC.

Technical meeting with several command system Support Units for forest fire emergencies of different Spanish agencies (Xest, 19-20th November 2014). Two days meeting where different topics were discussed, most of them about resources, personnel and operational agreement needs, but an important part about how can we share the operational information with the forest and land management services in order to implement the large fire risk assessment into landscape planification. Jordi Pagès and Edgar Nebot, UT-GRAF, Fire Service-Government of Catalonia.

Technical meeting of forest fires in wildland-urban interface and environmental education (Toledo, 26-27th November 2014). This event organized by Castilla La Mancha Government was greatly followed. Legal issues, urban planification and divulgation programmes of wildland-urban interface were discussed according to the problem of the large forest fires. Jordi Pagès, UT-GRAF, Fire Service-Government of Catalonia. (<http://blocs.gencat.cat/blocs/AppPHP/loforestalillo/>).

Royal Meteorological Society Wildfire Workshop 2014, Met Office (Exeter, December 3–4, 2014). Presentation: *How can aerial sensing and computer simulation modelling enhance understanding of wildfire preparedness and prevention in northern European landscapes?*, Smith, T.E.L., Hewitt, C., KCL.

Royal Meteorological Society Wildfire Workshop 2014, Met Office (Exeter, December 3-4, 2014). Presentation: *Assessing trade-offs between wildfire reduction strategies and stakeholder values in the Eastern Mourne Mountains*, Smith, T.E.L., Hewitt, C., KCL.

IV Mediterranean Forest Week. Inside the Side event “Engaging Mediterranean Communities in Wildfire Risk Mitigation” (Barcelona, March 18, 2015). Presentation: *How to reach societal involvement in the fire risk mitigation? The role of communication towards citizens’ participation*. Eduard Plana, CTFC.

Technical meeting of emergency models and Fire Services in Europe (Barcelona, 26th March 2015). During this event a particular discussion was done with Markus Von der Fort, Sebastien Lahaye and Mark Jones, talking about the emergency model that could resolve the land planning needs, in order to develop an useful methodology for incorporating large fire risk into landscape management decision making. Marc Castellnou, Marta Miralles and Edgar Nebot, UT-GRAF, Fire Service-Government of Catalonia.

Workshop Swinley Seminar “Wildfire research and its impact on Policy, Planning and Operations: The Swinley Forest Fire” (Greenwich, April 10, 2015). Presentation: *Modelling the Swinley-Crowthorne Forest Fire*. Thomas Smith, KCL.

UNECE/FAO Forest Communicators Network & the IUFRO Communications and Public Relations Working Party (Barcelona, May 20-22, 2015). Presentation: *Communication challenges for societal involvement in complex multi-actor demand in the Mediterranean*. Eduard Plana, CTFC.

International conference on fire behaviour and risk 2015 (Alghero, May 26-29, 2015). Presentation: *Mapping wildfire defence priorities in the Pyrenees Landscapes: St Julià de Lòria case study (Andorra)*. Marc Font, CTFC.

Journal Club - Òdena forest fire (Òdena, September 5, 2015). Presentation: *Conditions and characteristics of Òdena forest fire Òdena - Comparison with the fire of 1986. Effect of treated through actions of forest management areas and post-fire regeneration*. Jordi Vendrell, PCF

### General Project dissemination (Newsletters, social nets, ..)

Type of document	Date	Title	More Info
Newsletter	15 <sup>th</sup> April 2014	#01_Newsletter: Enero / Marzo 2014	URL: <a href="http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=6e2abfae65&amp;e=[UNIQID]">http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=6e2abfae65&amp;e=[UNIQID]</a>
Dissemination Article	25 <sup>th</sup> June 2014	[FIREfficient] – Workshop Solsona	PCF Blog URL: <a href="https://paucofoundation.wordpress.com/2014/06/25/fireefficient-workshop-solsona/">https://paucofoundation.wordpress.com/2014/06/25/fireefficient-workshop-solsona/</a>
Newsletter	2 <sup>nd</sup> September 2014	#02_Newsletter: Abril / Agosto 2014	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=7e37ee4589&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=7e37ee4589&amp;e=[UNIQID]</a>
Activity Promotion	1 <sup>st</sup> October 2014	CUIMPB CONAF	URL: <a href="http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=11c46a432a&amp;e=[UNIQID]">http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=11c46a432a&amp;e=[UNIQID]</a>
Activity Promotion	10 <sup>th</sup> October 2014	CUIMPB FEMA	URL: <a href="http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=2e503febe8&amp;e=[UNIQID]">http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=2e503febe8&amp;e=[UNIQID]</a>
Activity Promotion	15 <sup>th</sup> October 2014	CUIMPB_03	URL: <a href="http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=24c3858b67&amp;e=[UNIQID]">http://us7.campaign-archive2.com/?u=7b8213c746c1de93edf9617a5&amp;id=24c3858b67&amp;e=[UNIQID]</a>
Activity Promotion	17 <sup>th</sup> October 2014	CUIMPB_04	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=173cfa980b&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=173cfa980b&amp;e=[UNIQID]</a>
Activity Promotion	23 <sup>th</sup> October 2014	CUIMPB_05	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=7af6495b57&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=7af6495b57&amp;e=[UNIQID]</a>
Photo gallery	27 <sup>th</sup> October 2014	CUIMPB: Wildfires in WUI	URL: <a href="https://www.flickr.com/photos/paucofoundation/albums/72157649619841855/with/15328944204/">https://www.flickr.com/photos/paucofoundation/albums/72157649619841855/with/15328944204/</a>
Newsletter	19 <sup>th</sup> March 2015	#03_Newsletter: Septiembre 2014 / Marzo 2015	<a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=2c98d834b5&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=2c98d834b5&amp;e=[UNIQID]</a>
Activity Promotion	14 <sup>th</sup> April 2015	Spring Activities	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=50c751923e&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=50c751923e&amp;e=[UNIQID]</a>
Dissemination Article	8 <sup>th</sup> May 2015	1 <sup>st</sup> Session Course – Simulators for wildfire prevention	PCF Blog URL: <a href="https://paucofoundation.wordpress.com/2015/05/08/1r-dia-uso-de-simuladores-para-prevencion-de-if/?preview_id=884&amp;preview_nonce=c3b11c5f76&amp;post_format=standard&amp;preview=true">https://paucofoundation.wordpress.com/2015/05/08/1r-dia-uso-de-simuladores-para-prevencion-de-if/?preview_id=884&amp;preview_nonce=c3b11c5f76&amp;post_format=standard&amp;preview=true</a>
Dissemination Article	14 <sup>th</sup> May 2015	2 <sup>nd</sup> Session Course – Simulators for wildfire prevention	PCF Blog URL: <a href="https://paucofoundation.wordpress.com/2015/05/14/2o-dia-curso-simuladores-para-prevencion-de-if/">https://paucofoundation.wordpress.com/2015/05/14/2o-dia-curso-simuladores-para-prevencion-de-if/</a>

Dissemination Article	21 <sup>st</sup> May 2015	3 <sup>rd</sup> Session Course – Simulators for wildfire prevention	PCF Blog URL: <a href="https://paucostafoundation.wordpress.com/2015/05/21/3r-dia-curso-simuladores-para-prevencion-de-if/">https://paucostafoundation.wordpress.com/2015/05/21/3r-dia-curso-simuladores-para-prevencion-de-if/</a>	
Dissemination Article	29 <sup>th</sup> May 2015	4 <sup>th</sup> Session Course – Simulators for wildfire prevention	PCF Blog URL: <a href="https://paucostafoundation.wordpress.com/2015/05/29/4th-session-course-simulators-for-wildfire-prevention/">https://paucostafoundation.wordpress.com/2015/05/29/4th-session-course-simulators-for-wildfire-prevention/</a>	
Newsletter	7 <sup>th</sup> July 2015	#01_Newsletter: Abril / Junio 2015	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=f0ee4e3a5d&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=f0ee4e3a5d&amp;e=[UNIQID]</a>	
Research Article	10 <sup>th</sup> July 2015	Duane, A. Piqué, M. Castellnou, M. Brotons, L. 2015. Predictive modelling of fire occurrences from different fire spread patterns in Mediterranean landscapes. International Journal of Wildland Fire. 24(3) 407-	URL: <a href="http://dx.doi.org/10.1071/WF14040">http://dx.doi.org/10.1071/WF14040</a>	
Related outreach:				
	Type	Media	Date	Link
	Newsletters	CREAF (Centre for Research on Ecology and Forestry Applications)	15 <sup>th</sup> July 2015	<a href="#">Link</a>
		Catalan Government Territory Department	15 <sup>th</sup> July 2015	<a href="#">Link</a>
		Grupo Eurofesa	22 <sup>nd</sup> July 2015	<a href="#">Link</a>
		EFIMED (European Forest Institute in the Mediterranean)	September 2015	<a href="#">Link</a>
	Written press dissemination	Europa Press (Spanish digital media)	15 <sup>th</sup> July 2015	<a href="#">Link</a>
		20 minutos (Spanish digital media)	16 <sup>th</sup> July 2015	<a href="#">Link</a>
		Agencia Sinc (Spanish digital media)	17 <sup>th</sup> July 2015	<a href="#">Link</a>
		El confidencial (Spanish digital media)	23 <sup>rd</sup> July 2015	<a href="#">Link</a>
		La Vanguardia (Spanish Newspaper)	30 <sup>th</sup> July 2015	<a href="#">Link</a>
	Radio dissemination	La Cope (Spanish Radio)	16 <sup>th</sup> July 2016	<a href="#">Link</a>
		La Ser – Barcelona (Spanish Radio)	19 <sup>th</sup> July 2015	<a href="#">Link</a>
		Radio Aragon (Spanish Radio)	2 <sup>nd</sup> August 2015	<a href="#">Link</a>
	TV dissemination	TVE (Spanish TV)	5 <sup>th</sup> September 2015	<a href="#">Link</a>
Activity Promotion	14 <sup>th</sup> September 2015	Course ‘New tools for fire prevention’	URL: <a href="http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=6dcbced72a&amp;e=[UNIQID]">http://us7.campaign-archive1.com/?u=7b8213c746c1de93edf9617a5&amp;id=6dcbced72a&amp;e=[UNIQID]</a>	
Photo gallery	15 <sup>th</sup> and 16 <sup>th</sup> October 2015	Course ‘New tools for fire prevention’	URL: <a href="https://www.flickr.com/photos/paucostafoundation/albums/72157659949139978/with/">https://www.flickr.com/photos/paucostafoundation/albums/72157659949139978/with/</a>	

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Photo gallery	27 <sup>th</sup> October 2015	Course - Simulators for wildfire prevention	URL: <a href="https://www.flickr.com/photos/paucostafoundation/albums/72157660336815676/with/22504427682/">https://www.flickr.com/photos/paucostafoundation/albums/72157660336815676/with/22504427682/</a>
Dissemination Article	4 <sup>th</sup> November 2015	Course 'New tools for fire prevention'	PCF Blog URL: <a href="https://paucostafoundation.wordpress.com/2015/11/04/nuevas-herramientas-de-prevencion-de-incendios-la-gestion-del-riesgo-con-vision-territorial/">https://paucostafoundation.wordpress.com/2015/11/04/nuevas-herramientas-de-prevencion-de-incendios-la-gestion-del-riesgo-con-vision-territorial/</a>
Journal	March 2016	EFI News (Num 1., Vol.24)	URL: <a href="http://live.grano.fi/ejulkaisu/Euroopan_metsainstituutti/30149811_EFI-News_12016_ejulkaisu/index.html">http://live.grano.fi/ejulkaisu/Euroopan_metsainstituutti/30149811_EFI-News_12016_ejulkaisu/index.html</a>
Newsletter	10 <sup>th</sup> March 2016	Nature&Society Newsletter	URL: <a href="http://us10.campaign-archive1.com/?u=eb2a72e7921790609f69f3582&amp;id=bec52cfb4d&amp;e=4baafa8ad7">http://us10.campaign-archive1.com/?u=eb2a72e7921790609f69f3582&amp;id=bec52cfb4d&amp;e=4baafa8ad7</a>
<b>OTHERS</b>			
Various tweets @DrTELS, @KCLGEOGRAPHY			
Various posts at facebook.com/KCLGEOGRAPHY			

**TWITTER / Course 'New tools for fire prevention. Risk management with a territorial vision'**

[1]



[2]



[3]



[6]



[4]



[5]



[7]



[1] 'Wildfires are a meeting point between many actors' E. Plana. We make a list of actors; [2] Low cost infrastructures for wildfire prevention; [3] Shepherd must be recognized as professionals who provide a service; [4] Today, at COAMB, course 'New tools for fire prevention'; [5] Fuel treatment with prescribed burning; [6] Stepping on a prescribed burning in order to understand its planning, objectives, execution and effects; [7] Understanding wildfire behaviour in order to design prevention infrastructures

**FACEBOOK - Course 'New tools for fire prevention. Risk management with a territorial vision'**

[1]



**Pau Costa Foundation** agregó 3 fotos nuevas.  
15 de octubre a las 18:08 · 🌐

Imágenes de la primera jornada del curso sobre 'Nuevas herramientas para la prevención de incendios: la gestión del riesgo con visión territorial', que hemos organizado junto al Colegio de Ambientólogos de Catalunya. Mañana, visita de campo, visitaremos la huella de un incendio y los efectos de las quemas prescritas!  
[+info] <http://www.coamb.cat/.../noves-eines-de-la-prevencio-dincend.../>

893 personas alcanzadas Promocionar publicación

👍 23 🗨️ 2

👍 Me gusta 🗨️ Comentar ➦ Compartir

[2]



**Pau Costa Foundation** agregó 5 fotos nuevas.  
16 de octubre a las 19:37 · 🌐

Segundo día del curso 'Nuevas herramientas para la prevención de incendios forestales', organizadas conjuntamente con el Colegio de Ambientólogos de Catalunya. Hoy, salida a campo, hemos visitado el rastro del incendio de Castellnou de Bages (2005) con el fin de entender el comportamiento de los incendios para diseñar infraestructuras de prevención. Después, hemos paseado por un quema prescrita para comprender su planificación, ejecución y efectos!

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👍 Me gusta 🗨️ Comentar ➦ Compartir

[1] Images of the First Session of the Course 'New tools for fire prevention. Risk management with a territorial vision', co-organized today with COAMB. Tomorrow, we will visit on the field the trace of a wildfire and the effects of a prescribed burning!

[2] Second day of the Course 'New tools for fire prevention. Risk management with a territorial vision', co-organized with COAMB. Field visit, we have seen the trace of Castellnou de Bages wildfire (2005) with the aim of understanding wildfire behaviour in order to design preventive infrastructures. Then, we have walked through a prescribed burning to explain their planification, execution and effects!



## FIREfficient in TWITTER

[1]



[2]



[3]



[4]



[5]



[6]



[1] Kick off meeting in Barcelona; [2] International Workshop in Solsona; [3] International Workshop in Solsona; [4] Workshop in Barcelona; [5] Workshop in Barcelona; [6] UK Pilot Site