

Common template for risk assessment and management operational tools and best practices identification (Action B1)

Title: Operational Tools and Best Practices for Risk Assessment and Management

The identification of tools and best practices on risk assessment and management helps providing an idea of the state of the art in the field. By completing this form, the best practice will be included in the knowledge repository platforms and available for the practioner community to use. We encourage the user to complete as many fields as possible from the template in order to provide the most relevant information needed to apply the best practice to other practitioners.

Instructions:

- Blue boxes are mandatory fields
- More than one item can be selected in multiple choice boxes

Document classification

Title	Project eFIRECOM (Efficient fire risk communication for resilient societies): Risk communication toolkit
Description	Communicative documents about forest fire risk
Country, location	Spain, France, Tunisia, Algeria
Date	9/2016
Contact e-mail	efirecom@ctfc.cat
Institution	CTFC, PCF, EFIMED, EEIG FORESPIR, Direction Générale des Forêts de Tunisie, Université Hadj Lakhdar Batna.
Net Risk Work Partner	CTFC
Document type	Other
Language	<input checked="" type="checkbox"/> Catalan <input checked="" type="checkbox"/> English <input checked="" type="checkbox"/> French <input type="checkbox"/> German <input type="checkbox"/> Italian <input checked="" type="checkbox"/> Spanish <input checked="" type="checkbox"/> Arabic
Source/origin	<input checked="" type="checkbox"/> Partner's expertise <input type="checkbox"/> Expertise from the network <input type="checkbox"/> Other (internet)

Topic

Area	<input type="checkbox"/> Risk assessment	<input type="checkbox"/> Risk Planning	<input checked="" type="checkbox"/> Risk Management
Risk	<input checked="" type="checkbox"/> Wildfires	<input type="checkbox"/> Fire behaviour patterns and typologies <input type="checkbox"/> Fire ignition and spread models <input type="checkbox"/> Wildland urban interface	<input type="checkbox"/> Fuel management <input type="checkbox"/> Fire service needs <input type="checkbox"/> Prescribed burning <input checked="" type="checkbox"/> Other <i>[Perception, culture of risk and communication]</i>
	<input type="checkbox"/> Storms	<input type="checkbox"/> First measures after storm <input type="checkbox"/> Work safety during salvage logging <input type="checkbox"/> Timber storage and cost containment <input type="checkbox"/> Forest protection and pest control	<input type="checkbox"/> Regeneration and afforestation <input type="checkbox"/> Preventive silvicultural measures <input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> Avalanches	<input type="checkbox"/> Technical protective measures <input type="checkbox"/> Maintenance of protection forests	<input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> Floods	<input type="checkbox"/> Prevention through land use management <input type="checkbox"/> Technical protective measures	<input type="checkbox"/> Other <i>[Introduce which ones]</i>

	<input type="checkbox"/> Other	[Introduce which ones]
Cross-sectoral topics	<input type="checkbox"/> Risk and vulnerability assessment and mitigation <input type="checkbox"/> Cost-effectiveness assessment <input type="checkbox"/> Civil protection, emergency and post-disaster management	<input type="checkbox"/> Risk planning, governance and policy framework <input checked="" type="checkbox"/> Community involvement and risk communication <input type="checkbox"/> Other: [Introduce which ones]
Level	<input type="checkbox"/> Local <input type="checkbox"/> Regional <input type="checkbox"/> National <input type="checkbox"/> Cross-border <input checked="" type="checkbox"/> EU <input checked="" type="checkbox"/> Global	
DRM cycle phase	<input checked="" type="checkbox"/> Prevention <input checked="" type="checkbox"/> Preparedness <input type="checkbox"/> Response <input type="checkbox"/> Recovery	
DRM domain	<input type="checkbox"/> Policy making <input type="checkbox"/> Early warning system <input type="checkbox"/> Disaster response	
Sendai priorities	<input type="checkbox"/> Priority 1: Understanding disaster risk <input checked="" type="checkbox"/> Priority 2: Strengthening disaster risk governance to manage disaster risk <input checked="" type="checkbox"/> Priority 3: Investing in disaster risk reduction for resilience <input type="checkbox"/> Priority 4: Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction	
Contribution to Sendai Targets	<input type="checkbox"/> Reduce global disaster mortality <input checked="" type="checkbox"/> Reduce the number of affected people <input type="checkbox"/> Reduce the direct disaster economic loss <input type="checkbox"/> Reduce disaster damage to critical infrastructure <input checked="" type="checkbox"/> Increase the number of national and local disaster risk reduction strategies <input type="checkbox"/> Enhance international cooperation to developing countries <input type="checkbox"/> Increase availability of and access to multi-hazard early warning systems and disaster risk information and assessment	

Description and analysis

Summary: quick presentation of the Good Practice [Objective: summarize in a few lines the key elements of the good practice]

Place in national/regional policy

European project funded under the 2014 call for proposals for Prevention and Preparedness in Civil Protection.

Goals and achievements

eFIRECOM aims at enhancing the resilience of citizens to wildfires in interface areas from the Mediterranean region, through effectively promoting and increasing awareness and participation on the culture of risk with updated knowledge and best practices.

The two main results are:

- Development of a communication toolkit for the capacity building of citizens and communities towards wildfire risk prevention, adapted to three target audiences: i) Communities and municipalities (inhabitants and managers of wildland urban interface), ii) Scholars, youths and their teachers, iii) Journalists and media professionals.
- Edition and dissemination of operational and strategic recommendations for the improvement of the communication on risk and reduction of social vulnerability to wildfires in Mediterranean areas, transferred to the relevant authorities.

Actors involved

Partners of the project (researchers), young people, WUI population, students, journalists and communicators, technicians of municipalities, teachers, etc. (Different actor's groups involved or exposed to the risk).

Implementation stage

All the outputs are available at the web page and in printed edition, and many end users diriged sending's have been done to its specific needs and interest. In this sense, it has been delivered a



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toolkit to journalist, forest managers, children's and urban inhabitants close to forest areas.

State of technical knowledge

Good knowledge of technical and operational issues about fire and wildfires.

Context

The low social awareness regarding the exposure to fire risk combined with the reduced individual capacity to prevent and face emergencies increase both social vulnerability and the cost of civil protection actions.

The Civil Protection and Risk Prevention regulations state the need of providing tools to the population to enhance their participation in the risk prevention and response.

Detailed Characteristics [Objective: detail the implementation conditions of the Good Practice]

Description of the implementation steps

Development of different types of communication resources addressed to 3 target audiences (citizens in WUI areas and municipalities, scholars and their teachers and journalist and communicators) and 3 transvers communication resources addressed to society in general, technicians and practitioners and policy makers.

The set of documents generate a communication toolkit for transferring technical knowledge on forest fires to society.

Governance

Project partners.

Necessary means to implement the Good Practice in efficient conditions

Elaborate tangible documents to distribute.

Challenges encountered during implementation and solutions incurred

Know how to transmit complex knowledge with simple language without losing relevant information according the end user skill. Know how to give an attractive format at the document.

Priorities identified for successful implementation of the Good Practice

Adapt the discuss/"language" to each target audience. The most important point it's to do comprehensible documents.

Impact of the Good Practice [Objective: evaluate the impact of the Good Practice].

Improve the culture and perception of wildfire risk.

Future developments [Objective: understand the follow-up perspectives]

External resources [Objective: provide further information]

Attached materials

1. (PDF) Fire and forest fires in the Mediterranean; a relationship story between forests and society
2. (PDF) Forest fires risk communication operational recommendations to improve social prevention
3. (PDF) Forest fire risk in the wildland-urban interface, element for the



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	analysis of the vulnerability of municipalities and homes at risk 4. (PDF) Policy brief: Forest fires; creating a resilient society 5. (PDF) Storybook: Baby burn and fierce flam 6. (PDF) Forest fires; guideline for communicators and journalists
Web links	1. http://efirecom.ctfc.cat/docs/revistaefirecom_en.pdf 2. http://efirecom.ctfc.cat/docs/RECOM%20ENGLISH_final.pdf 3. http://efirecom.ctfc.cat/docs/FOREST%20FIRE%20RISK%20IN%20THE%20WILDLAND%20URBAN%20INTERFASE%20EFIRECOM%20PROJECT.pdf 4. http://efirecom.ctfc.cat/wp-content/uploads/2016/12/policybrief_v4_ANGL.pdf 5. http://efirecom.ctfc.cat/wp-content/uploads/2016/12/BabyBurn_and_FierceFlame.pdf 6. http://efirecom.ctfc.cat/docs/efirecomperiodistes_en.pdf
Contacts	http://efirecom.ctfc.cat/?page_id=17

[Additional information - optional]

Lessons learnt [<i>Objective: compare the results obtained to the objectives set at the start of the Good Practice</i>]
Evaluation process, if exists (internal or external)
Assessment of results (quantitative and qualitative) and comparison with main goals
Negative aspects identified <i>Difficulties on updating the communication resources contents once the project is over.</i>
Unexpected consequences (short / mid / long term) and corrective measures implemented

Durability and transferability [<i>Objective: evaluate the integration of the Good Practice and its sustainability, give recommendations for transferability</i>]		
Is this information:	Replicable <input type="checkbox"/>	Measurable <input type="checkbox"/>
Regulatory Framework		
Stability of the human environment		
Financial requirements		
Success factors <i>To have different products according to each public objective.</i>		
Risk factors		
Additional and non-formal experiences contributing to the implementation of Good Practice		