

# 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 practitioner 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

<b>Title</b>	<b>Black pine forestry guide in the Pyrenees</b>
<b>Description</b>	<b>Guidelines for black pine (Pinus uncianta) forest management, including a specific chapter about natural risks</b>
<b>Country, location</b>	<b>France, Spain and Andorra</b>
<b>Date</b>	<b>2012</b>
<b>Contact e-mail</b>	
<b>Institution</b>	<b>UNCI'PLUS Project partners : CTFC, GEIE-FORESPIR, CRPF Languadoc-Rousillon, PNRPyrénées Catalanes</b>
<b>Net Risk Work Partner</b>	<b>CTFC</b>
<b>Document type</b>	<b>Field reference guide</b>
<b>Language</b>	<input type="checkbox"/> Catalan <input type="checkbox"/> English <input checked="" type="checkbox"/> French <input type="checkbox"/> German <input type="checkbox"/> Italian <input checked="" type="checkbox"/> Spanish <input type="checkbox"/> Other
<b>Source/origin</b>	<input type="checkbox"/> Partner's expertise <input checked="" type="checkbox"/> Expertise from the network <input type="checkbox"/> Other (internet)

## Topic

Area	<input checked="" type="checkbox"/> Risk assessment	<input checked="" type="checkbox"/> Risk Planning	<input type="checkbox"/> Risk Management
<b>Risk</b>	<input type="checkbox"/> <b>Wildfires</b>	<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 type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> <b>Storms</b>	<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 checked="" type="checkbox"/> <b>Avalanches</b>	<input type="checkbox"/> Technical protective measures <input checked="" type="checkbox"/> Maintenance of protection forests	<input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input checked="" type="checkbox"/> <b>Floods</b>	<input type="checkbox"/> Prevention through land use management <input type="checkbox"/> Technical protective measures	<input checked="" type="checkbox"/> Other <i>[Silvicultural measures]</i>
	<input checked="" type="checkbox"/> <b>Other</b>		<i>[Erosion, landslides and rocks falling]</i>

<b>Cross-sectoral topics</b>	<input checked="" 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 type="checkbox"/> Community involvement and risk communication <input type="checkbox"/> Other: [Introduce which ones]
<b>Level</b>	<input type="checkbox"/> Local <input checked="" type="checkbox"/> Regional <input type="checkbox"/> National <input checked="" type="checkbox"/> Cross-border <input type="checkbox"/> EU <input type="checkbox"/> Global	
<b>DRM cycle phase</b>	<input checked="" type="checkbox"/> Prevention <input type="checkbox"/> Preparedness <input type="checkbox"/> Response <input type="checkbox"/> Recovery	
<b>DRM domain</b>	<input type="checkbox"/> Policy making <input type="checkbox"/> Early warning system <input type="checkbox"/> Disaster response	
<b>Sendai priorities</b>	<input checked="" 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	
<b>Contribution to Sendai Targets</b>	<input type="checkbox"/> Reduce global disaster mortality <input type="checkbox"/> Reduce the number of affected people <input checked="" 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

<b>Summary: quick presentation of the Good Practice</b> <i>[Objective: summarize in a few lines the key elements of the good practice]</i>
<b>Place in national/regional policy</b> <i>In the framework of Project POCTEFA n° EFA82/08 UNCI'PLUS «La gestión de las poblaciones y la valorización de la madera de pino negro».</i>
<b>Goals and achievements</b> <i>Offer a methodological guide to apply forest management into the black pine forest taking into account the natural hazards, specifically rocks falling, avalanche, landslides, erosion and floods.</i>
<b>Actors involved</b> <i>Geie-Forespir, Centre Regional de la Propieté Forestière Languadoc-Rousillon, Parc naturel regional des Pyrénées Catalanes, Centre Tecnològic Forestal de Catalunya, Departament d'Agricultura de Catalunya, forest managers, land owners.</i>
<b>Implementation stage</b>
<b>State of technical knowledge</b> <i>Institutions who have developed this methodological guide are specialists in forest sciences and management.</i>
<b>Context</b> <i>The Pyrenees region is characterized by rural townships, agricultural, livestock and wood production economy (and a part of tourism) and a low population density.  Need to include the natural risks in the forest management.</i>

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

<b>Description of the implementation steps</b> <i>Creation of an harmonized official methodological guide with different technical recommendations for forest managements orientations according to different natural risks.</i>
Governance
Necessary means to implement the Good Practice in efficient conditions
Challenges encountered during implementation and solutions incurred
Priorities identified for successful implementation of the Good Practice

<b>Impact of the Good Practice</b> <i>[Objective: evaluate the impact of the Good Practice].</i> <i>Possibility to include natural risks assessment at forest management level. The forest managers have a basic tool aiming to ensure at mid-term the forest protection role against some natural risk.</i>
---

<b>Future developments</b> <i>[Objective: understand the follow-up perspectives]</i>

<b>External resources</b> <i>[Objective: provide further information]</i>	
Attached materials	1. (PDF_Spanish) Guia de selvicultura del Pino Negro en el Pirineo 2. (PDF_French) Guide de sylviculture du pin à crochets dans les Pyrénées
Web links	1. <a href="http://fidbosc.ctfc.cat/docs/GUIA_GESTION_Version_ES_Baja.pdf">http://fidbosc.ctfc.cat/docs/GUIA_GESTION_Version_ES_Baja.pdf</a> 2. <a href="http://www.unciplus.eu/documents-du-projet/guide-unci-fr">http://www.unciplus.eu/documents-du-projet/guide-unci-fr</a>
Contacts	

**[Additional information - optional]**

<b>Lessons learnt</b> <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>Difficult implementation for the non-expert managers.</i>
Unexpected consequences (short / mid / long term) and corrective measures implemented

<b>Durability and transferability</b> <i>[Objective: evaluate the integration of the Good Practice and its sustainability, give recommendations for transferability]</i>			
<b>Is this information:</b>	<b>Replicable</b> <input type="checkbox"/>	<b>Measurable</b> <input type="checkbox"/>	
Regulatory Framework			

Stability of the human environment
Financial requirements
Success factors
Risk factors
Additional and non-formal experiences contributing to the implementation of Good Practice



**net risk work**



Funded by  
European Union  
Humanitarian Aid  
and Civil Protection