

# 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>KlimafolgenOnline (ClimateimpactOnline) portal</b>
<b>Description</b> <i>[1 sentence]</i>	<b>The portal is a climate information website that visualizes the changing climate conditions and their impact on land use sectors for different scenarios from the past to the present and the future in 2100.</b>
<b>Country, location</b>	<b>Germany</b>
<b>Date</b>	<b>2012</b>
<b>Contact e-mail</b>	<a href="mailto:climateimpacts@pik-potsdam.de">climateimpacts@pik-potsdam.de</a>
<b>Institution</b>	<b>Climate Impact Research e. V. and WetterOnline Meteorologische Dienstleistungen GmbH</b>
<b>Net Risk Work Partner</b>	<b>FVA</b>
<b>Document type</b>	<b>Website or portal</b>
<b>Language</b>	<input type="checkbox"/> Catalan <input checked="" type="checkbox"/> English <input type="checkbox"/> French <input checked="" type="checkbox"/> German <input type="checkbox"/> Italian <input 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 checked="" type="checkbox"/> Other (internet)

## Topic

Area	<input checked="" type="checkbox"/> Risk assessment	<input type="checkbox"/> Risk Planning	<input type="checkbox"/> Risk Management
<b>Risk</b>	<input checked="" 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 checked="" type="checkbox"/> Other <i>Fire danger ratings</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 sylvicultural measures <input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> <b>Avalanches</b>	<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"/> <b>Floods</b>	<input type="checkbox"/> Prevention through land use management <input type="checkbox"/> Technical protective measures	<input type="checkbox"/> Other <i>[Introduce which ones]</i>



net risk work



Funded by  
European Union  
Humanitarian Aid  
and Civil Protection

	<input checked="" type="checkbox"/> <b>Other</b>	Climate change impact on risks	[Introduce which ones]
<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 type="checkbox"/> Regional <input checked="" type="checkbox"/> National <input type="checkbox"/> Cross-border <input type="checkbox"/> EU <input type="checkbox"/> Global		
<b>DRM cycle phase</b>	<input checked="" type="checkbox"/> Prevention <input checked="" type="checkbox"/> Preparedness <input type="checkbox"/> Response <input type="checkbox"/> Recovery		
<b>DRM domain</b>	<input checked="" 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 type="checkbox"/> Priority 2: Strengthening disaster risk governance to manage disaster risk <input 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 checked="" 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 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

<p><b>Summary: quick presentation of the Good Practice</b> <i>[Objective: summarize in a few lines the key elements of the good practice]</i></p> <p><b>The portal provides a visualization of climate change data offering a full overview from past measurements to climate projections of the future combined with several related impacts for land use.</b></p>
<p>Place in national/regional policy <i>[Mentioned in the law/regulation/guidelines? Mandatory? Recommended?]</i></p> <p>No reference.</p> <p><i>[free text – 5 lines max]</i></p>
<p>Goals and achievements <i>[Objectives, goals and the achievements of the Good Practice]</i></p> <p>The portal makes climate change data accessible and understandable for everybody by visualizing changing climate conditions via coloured maps. The portal further visualizes several impacts like fire danger ratings according to the underlying scenarios.</p> <p><i>[free text – 5 lines max]</i></p>
<p>Actors involved <i>[Explain who is involved in the development: practitioners, stakeholders, educators, ...]</i></p> <p>The portal was developed by the Potsdam institute for Climate Impact Research e. V. and WetterOnline Meteorologische Dienstleistungen GmbH in the context of the project „CIES – Climate Impact Expert System“.</p> <p><i>[free text – 5 lines max]</i></p>
<p>Implementation stage <i>[Is it operational? Since how long? Is it a pilot experiment?]</i></p> <p>The portal is online since 2012, the English version followed in 2014.</p> <p><i>[free text – 5 lines max]</i></p>
<p>State of technical knowledge <i>[state of the art and technical background of the Best Practice]</i></p> <p>The portal is based on the RCP scenarios 8.5 and 2.6 as described in the Fifth IPCC assessment report.</p> <p><i>[free text – 5 lines max]</i></p>

**Context** *[regulatory, socio-economic, political]*  
 The portal provides reliable and understandable information on regional impacts of global climate change.  
*[free text – 5 lines max]*

**Detailed Characteristics** *[Objective: detail the implementation conditions of the Good Practice]*  
 Description of the implementation steps *[different stages in the implementation process, duration]*  
 No information.  
*[free text – 5 lines max]*

Governance *[responsible authority and roles of the different actors involved]*  
 The project was funded through the Climate-KIC (Knowledge and Innovation Community) of the European Institute of Innovation and Technology (EIT).  
*[free text – 5 lines max]*

Necessary means to implement the Good Practice in efficient conditions *[human resources, materials, financial...]*  
 No information.  
*[free text – 5 lines max]*

Challenges encountered during implementation and solutions incurred  
 No information.  
*[free text – 5 lines max]*

Priorities identified for successful implementation of the Good Practice  
 No information.  
*[free text – 5 lines max]*

**Impact of the Good Practice** *[Objective: evaluate the impact of the Good Practice].*  
*[Added value on decision processes, on national policies or regulations, on relationship with stakeholders, etc.]*  
 The portal offers an understandable tool to present the regional impacts of global climate change. It can be used as a base for risk assessments covering climate change impacts on different land uses.  
*[free text – 5 lines max]*

**Future developments** *[Objective: understand the follow-up perspectives]*  
*[Continuation, future improvements,]*  
 The portal is maintained, experts' comments are considered, additional climate scenarios from dynamic models are edited.  
*[free text – 5 lines max]*

<b>External resources</b> <i>[Objective: provide further information]</i>	
Attached materials	<i>[include format (document, photo, video...) and name of the file]</i>
Web links	Portal (German): <a href="http://www.klimafolgenonline.com/">http://www.klimafolgenonline.com/</a>  Portal (English): <a href="http://www.climateimpactsonline.com/">http://www.climateimpactsonline.com/</a>
Contacts	Info Email on the portal: <a href="mailto:climateimpacts@pik-potsdam.de">climateimpacts@pik-potsdam.de</a>

**[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)  <i>[free text – 5 lines max]</i>
Assessment of results (quantitative and qualitative) and comparison with main goals  <i>[free text – 5 lines max]</i>
Negative aspects identified  <i>[free text – 5 lines max]</i>
Unexpected consequences (short / mid / long term) and corrective measures implemented  <i>[free text – 5 lines max]</i>

<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  <i>[free text – 5 lines max]</i>		
Stability of the human environment [ <i>Stability of partnership, structures, population enabling successful implementation and positive impact in the long term</i> ]  <i>[free text – 5 lines max]</i>		
Financial requirements [ <i>business model</i> ]  <i>[free text – 5 lines max]</i>		
Success factors [ <i>political, technical, human, financial...</i> ]  <i>[free text – 5 lines max]</i>		
Risk factors [ <i>legal, financial, safety...</i> ]  <i>[free text – 5 lines max]</i>		
Additional and non-formal experiences contributing to the implementation of Good Practice  <i>[free text – 5 lines max]</i>		