

Source:
 1) Fritzsche, Kerstin; Stefan Schneiderbauer, Philip Bubeck, Stefan Kienberger, Mareike Buth, Marc Zebisch and Walter Kahlenborn 2014: The Vulnerability Sourcebook: Concept and guidelines for standardised vulnerability assessments. Bonn and Eschborn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. <https://www.adaptationcommunity.net/vulnerability-assessment/vulnerability-sourcebook/> with supporting documents:
 2)The Vulnerability Sourcebook Annex

PP..... Name Area TARGET.....	
Title of the VA	(Tentative) Title of your vulnerability assessment
Context (Module 1; Step 1)	
Context	Describe the general context of your VA (Module 1; Step 1) in terms of:
	What are related processes?
	What knowledge is already available?
	Which institutions play a role?
	What resources are available?
	Which external developments are important?
Objectives and expected outcomes (Module 1; Step 2)	
Objectives	Describe the general objective of your VA (Module 1; Step 2):
	What process will the assessment support or feed into? Are there on-going activities in the field of adaptation that should be taken into account?
	What do you want to learn from the assessment?
	What do you want to use this knowledge for?
	Who is the target audience for the result of the assessment?
Expected outcomes	Describe the expected outcomes of your VA (Module 1; Step 2):
	What outcomes do you expect?
Scope of the Vulnerability Assessment (Module 1; Step 3)	
Thematic scope	Describe the specific topic of your vulnerability assessment:
	What exactly is your vulnerability assessment about?
Already identified impacts / vulnerabilities	Possibly refer to potential climate impacts that shall be addressed in the vulnerability assessment:
	What climate-related risks do you want to assess? What climate related risks and impacts occurred in the past? Which known risks and impacts may be relevant for the future?
Geographical scope	Describe the spatial (geographical) scope of your vulnerability assessment:
	What is the geographical scope of your assessment?
Temporal scope	Describe the time period of your vulnerability assessment:
	What is the time period addressed in the assessment? (current and future climate related risks)

Methodological approach	Outline the methods foreseen for the vulnerability assessment:
	What are the right methods for your VA?

1) Fritzsche, Kerstin; Stefan Schneiderbauer, Philip Bubeck, Stefan Kienberger, Mareike Buth, Marc Zebisch and Walter Kahlenborn 2014: The Vulnerability Sourcebook: Concept and guidelines for standardised vulnerability assessments. Bonn and Eschborn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.
<https://www.adaptationcommunity.net/vulnerability-assessment/vulnerability-sourcebook/>
 with supporting documents:

PP..... Name Area TARGET.....						
Existing knowledge (Module 1; Step 1)						
	Name	Date of publication	Scope / Sector of study	Key information / Impacts	Knowledge gaps	Remarks
Existing policies/plans						
National/Supra-regional						
	P1	Policies/plans 1				
	P2	Policies/plans 2				
	<i>Pn.</i>	<i>Insert progressive number</i>				
				
Regional						
	<i>Pn.</i>	Policies/plans <i>n.</i>				
	<i>Pn.</i>	Policies/plans <i>n.</i>				
				
Local						
	<i>Pn.</i>	Policies/plans 1				
	<i>Pn.</i>	Policies/plans 2				
				
Existing fundings						
European						
	F1	Funding 1				
	F2	Funding 2				
	<i>Fn.</i>	<i>Insert progressive number</i>				
National						
	<i>Fn.</i>	Funding <i>n.</i>				
	<i>Fn.</i>	Funding <i>n.</i>				
				
Regional						
	<i>Fn.</i>	Funding <i>n.</i>				
	<i>Fn.</i>	Funding <i>n.</i>				
				
Local						
	<i>Fn.</i>	Funding <i>n.</i>				
	<i>Fn.</i>	Funding <i>n.</i>				
				
Existing project						
European						
	PR1	Project 1				
	PR2	Project 2				
	<i>PRn.</i>	<i>Insert progressive number</i>				

National							
	PR <i>n</i> .	Project <i>n</i> .					
	PR <i>n</i> .	Project <i>n</i> .					
					
Regional							
	PR <i>n</i> .	Project 1					
	PR <i>n</i> .	Project 2					
					
Local							
	PR <i>n</i> .	Project 1					
	PR <i>n</i> .	Project 2					
					
Existing studies and report							
European							
	SR1	Study and/or report 1					
	SR2	Study and/or report 2					
	SR <i>n</i> .	<i>Insert progressive number</i>					
					
National							
	SR <i>n</i> .	Study and/or report 1					
	SR <i>n</i> .	Study and/or report 2					
					
Regional							
	SR <i>n</i> .	Study and/or report 1					
	SR <i>n</i> .	Study and/or report 2					
					
Local							
	SR <i>n</i> .	Study and/or report 1					
	SR <i>n</i> .	Study and/or report 2					
					

Source:
 1) Fritzsche, Kerstin; Stefan Schneiderbauer, Philip Bubeck, Stefan Kienberger, Mareike Buth, Marc Zebisch and Walter Kahlenborn 2014: The Vulnerability Sourcebook: Concept and guidelines for standardised vulnerability assessments. Bonn and Eschborn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.
<https://www.adaptationcommunity.net/vulnerability-assessment/vulnerability-sourcebook/>
 with supporting documents:
 2)The Vulnerability Sourcebook Annex

PP..... Name Area TARGET.....								
Identification of impacts from sources that address climate change (M1_1)								
Climate related Impacts	Pn.	...	Fn.	...	PRn.	...	SRn.	...
Impacts on ecosystems (water, soil, air quality, biodiversity, ...)								
ex. Loss of biodiversity	X				X		X	
...								
...								
Impacts on ecosystems services (provision of food and water)								
...								
...								
...								
Impacts on natural resources (agriculture, fishery, forestry)								
ex. Decrease in crop yields	X		X				X	
...								
...								
...								
Impacts on natural processing (industry and services)								
ex. Energy supply problems			X		X		X	
...								
...								
Impacts on the social and cultural sphere (individual, societal groups)								
ex. Impact on human health	X		X				X	
...								
...								

Please note that the compilation of the table is indicative, for sample purposes only

PP..... Name Area TARGET.....						
Conditions and resources for implementation (Module 1; Step 4)						
		Financial	Human	Technical	Available time	
Own resources available		*number*	*number*	*specify equipment*	*specify available time*	
		
		Tasks	Functions	Resources	Available time	Potential conflicts of interest
Human	Partner (name)					
	Internal 1 (name)					
	Internal 2 (name)					
	Internal n. (name)					
	...					
	Expert 1 (name)					
	Expert 2 (name)					
	Expert n. (name)					
	...					
	Participants Area Target n.					
	Name 1					
	Name 2					
	Name n.					
	...					
	Participants Area Target n.					
	Name 1					
Name 2						
Name n.						
...						
		Needs / interests in VA	Functions	Resources	Available time	Potential conflicts of interest
Stakeholder	Stakeholder (name)					
	Stakeholder 1.					
	Stakeholder 2					
	Stakeholder n.					
	...					

Source:
 1) Fritzsche, Kerstin; Stefan Schneiderbauer, Philip Bubeck, Stefan Kienberger, Mareike Buth, Marc Zebisch and Walter Kahlenborn 2014: The Vulnerability Sourcebook: Concept and guidelines for standardised vulnerability assessments. Bonn and Eschborn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.
<https://www.adaptationcommunity.net/vulnerability-assessment/vulnerability-sourcebook/>
 with supporting documents:
 2) The Vulnerability Sourcebook Annex

PP..... Name Area TARGET.....	
Indicator and data factsheet	
Number of factsheet	IMP_1 (.....)
INDICATOR	
Indicator:	Name of the indicator
Vulnerability component:	Which vulnerability component is described by the indicator? (e.g. Impact)
Description: (position in the impact chain)	Further description of the indicator
DATA	
Source of data:	Who provides data?
Availability or/and costs:	What are the conditions to obtain the data?
Type of data:	In which format are the data available? (e.g. geo- data, shape file)
Spatial level:	Coverage and scale of the data (e.g. local coverage)
Statistical scale:	Which statistical scale do the data have? (e.g. Metric)
Unit of measurement:	In which unit are the data provided?
Method of calculation:	Which method has been applied for calculation?
Input-indicators needed:	Are sub-indicators needed? Which?
Time reference and frequency of measurement:	For which year(s) are data available?
Expected trend without adaptation:	Trend of the indicator value without adaptation (e.g. Decrease)
Classes and thresholds:	Which classes or thresholds are proposed or determined? Is this a common use classification? (e.g. proposed thresholds. More than 100mm, 100 to 0mm; 0 to -100mm; less than - 100mm)
Rating:	Which scale or classes should be used for the assessment? (e.g. Scale from 0 to 1 (using 200 mm precipitation as zero-point)
Additional comments	

Source: Fritzsche, Kerstin; Stefan Schneiderbauer, Philip Bubeck, Stefan Kienberger, Mareike Buth, Marc Zebisch and Walter Kahlenborn 2014: The Vulnerability Sourcebook: Concept and guidelines for standardised vulnerability assessments. Bonn and Eschborn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. <https://www.adaptationcommunity.net/vulnerability-assessment/vulnerability-sourcebook/> with supporting documents: Risk supplement to the Vulnerability Sourcebook and the guidebook Climate Risk Assessment for Ecosystem-based adaptation www.adaptationcommunity.net/wp-content/uploads/2018/06/

PP..... Name Area TARGET..... Sub Area Target

Impact chain

Impact chain	Description of factor	Indicator	Assessment scale		Observed value	Normalised value	Weighting factor for each indicator	Composite Indicator
			Lowest value	Highest value				
Hazard								
Example	Too much precipitation in wet season	Number of days with precipitation above 10 mm	2	10	3	0,125	1	0,125
1						0		0
2						0		
3						0		
4						0		
5						0		
6						0		
7						0		
8						0		
Exposure								
Example	People living in flood-prone areas	Number of people per km ² in flood-prone areas	0	3000	210	0,07	1	0,07
1						0		0
2						0		
3						0		
4						0		
5						0		
6						0		
7						0		
8						0		
Vulnerability								
Example	Lack of urban planning	% of households depending on agriculture for income	25	75	60	0,7	1	0,7
1						0		0
2						0		
3						0		
4						0		
5						0		
6						0		
7						0		
8						0		

M6.2 AGGREGATION OF INDICATORS

M7. RISK SCORE

Area target or sub Area target -RISK SCORE			
	Composit indicator (TOTAL)	Weighting factors	RISK
Hazard			
Example	0,125	1	0,298333
Exposure			
Example	0,07	1	
Vulnerability			
Example	0,7	1	