

1 S1 – Sectoral vulnerability factors, their subcategories and impact scores

<i>Sectoral Vulnerability factor</i>	<i>Subcategory</i>	<i>Agricultural</i>	<i>Energy</i>	<i>Environmental</i>	<i>Forestry</i>	<i>Water resources</i>	<i>Water supply</i>	<i>All sectors</i>
<i>(A) Dynamic models for decision support</i>	Tools	0,42	0,33	0,68	0,50	0,78	0,44	0,56
<i>(A) Funding for small scale water projects</i>	Supply	0,75	0,20	0,65	0,32	0,71	0,35	0,54
<i>(A) Local knowledge about adaptive approaches</i>	Tools	0,71	0,58	0,66	0,58	0,70	0,63	0,65
<i>(A) Local resolution risk modelling</i>	Tools	0,64	0,46	0,67	0,50	0,79	0,69	0,65
<i>(A) Possibilities for development of water storage</i>	Supply	0,85	0,70	0,68	0,23	0,79	0,81	0,68
<i>(A) Scientists employed in sector</i>	Tools	0,61	0,38	0,45	0,48	0,59	0,43	0,49
<i>(A) Species shift for climate adaptation (forests)</i>	Species	0,44	0,13	0,64	0,73	0,54	0,21	0,56
<i>(A) Species suitable for future drought projections</i>	Species	0,72	0,10	0,64	0,58	0,50	0,35	0,55
<i>(A) Use of adaptive measures</i>	Tools	0,79	0,43	0,74	0,67	0,80	0,65	0,71
<i>(C) Ability to apply for and receive funds</i>	Funds	0,64	0,25	0,58	0,29	0,48	0,35	0,48
<i>(C) Alternative water source & water supply</i>	Supply	0,81	0,60	0,76	0,18	0,79	0,83	0,70
<i>(C) Apt size of water permits to sustain irrigation</i>	Irrigation	0,88	0,30	0,64	0,13	0,73	0,58	0,57
<i>(C) Permanent water restrictions</i>	Supply	0,89	0,60	0,67	0,28	0,52	0,71	0,63
<i>(C) Regional water distribution networks</i>	Supply	0,50	0,25	0,58	0,18	0,71	0,77	0,55
<i>(C) Sectoral actor's level of available assets</i>	Funds	0,80	0,50	0,60	0,31	0,63	0,83	0,63
<i>(C) Use of effective irrigation systems</i>	Irrigation	0,98	0,25	0,56	0,09	0,70	0,64	0,55
<i>(C) Use of irrigation</i>	Irrigation	0,94	0,25	0,51	0,11	0,65	0,56	0,51
<i>(C) Water available for irrigation during drought</i>	Irrigation	0,98	0,30	0,61	0,07	0,67	0,67	0,57
<i>(S) Access to public drinking water service</i>	Supply	0,75	0,15	0,73	0,20	0,79	0,88	0,66
<i>(S) Baseline water stress</i>	Stress	0,92	0,63	0,84	0,35	0,94	0,80	0,79
<i>(S) Competing water interests</i>	Stress	0,81	0,60	0,72	0,23	0,77	0,75	0,68
<i>(S) Dependency on sector as only source of income</i>	Funds	0,86	0,40	0,45	0,33	0,44	0,79	0,56
<i>(S) Deteriorating ecosystems</i>	Stress	0,58	0,25	0,79	0,48	0,66	0,46	0,62
<i>(S) Distribution of hydropower plants</i>	Supply	0,54	0,68	0,57	0,13	0,65	0,58	0,55
<i>(S) Drought resilient seedlings</i>	Species	0,83	0,15	0,61	0,73	0,55	0,39	0,61
<i>(S) Drought resilient stand mixtures</i>	Species	0,81	0,20	0,67	0,70	0,57	0,50	0,63
<i>(S) Drought tolerance of current species</i>	Species	0,90	0,25	0,76	0,75	0,68	0,47	0,70
<i>(S) Fragmented forests or forests of small size</i>	Stress	0,40	0,13	0,65	0,41	0,44	0,25	0,47
<i>(S) Growth limiting conditions</i>	Setting	0,90	0,25	0,64	0,79	0,68	0,69	0,70
<i>(S) Land and soil degradation</i>	Stress	0,60	0,10	0,70	0,27	0,42	0,58	0,52
<i>(S) Level of groundwater exploitation</i>	Stress	0,80	0,50	0,79	0,41	0,75	0,77	0,71
<i>(S) Monocultures</i>	Species	0,55	0,13	0,68	0,59	0,48	0,25	0,55
<i>(S) Possibility to expand irrigation practices</i>	Supply	0,90	0,30	0,52	0,06	0,52	0,58	0,49
<i>(S) Presence of forest & forest vegetation</i>	Setting	0,50	0,50	0,72	0,57	0,73	0,39	0,62
<i>(S) Presence of wetlands, lakes and ponds</i>	Setting	0,63	0,75	0,91	0,56	0,88	0,77	0,78
<i>(S) Productivity of land</i>	Setting	0,88	0,00	0,50	0,40	0,36	0,50	0,50
<i>(S) Proportion of fertile soils</i>	Setting	0,85	0,10	0,48	0,40	0,42	0,39	0,49
<i>(S) Reliable water resource for water supply</i>	Supply	0,92	0,40	0,75	0,23	0,87	0,83	0,73

(S) Sectoral actor's level of solvency

(S) Shallow rooted crops/species

(S) Soil water holding capacity

(S) Species outside its natural range

(S) The elevation

(S) The geographical characteristics

(S) Water dependent ecosystems

(S) Water quality deterioration

Funds	0,88	0,35	0,29	0,21	0,25	0,75	0,48
Species	0,73	0,15	0,59	0,65	0,50	0,32	0,55
Setting	0,92	0,65	0,82	0,75	0,82	0,73	0,80
Species	0,29	0,10	0,60	0,50	0,41	0,15	0,44
Setting	0,31	0,70	0,54	0,44	0,69	0,59	0,53
Setting	0,73	0,75	0,73	0,71	0,75	0,86	0,75
Setting	0,68	0,50	0,88	0,44	0,81	0,63	0,72
Stress	0,68	0,25	0,78	0,25	0,71	0,77	0,66

2

3

S2 – Governance vulnerability factors, their subcategories, and impact scores

<i>Governance Vulnerability factor</i>	<i>Subcategory</i>	<i>Society</i>	<i>Agricultural</i>	<i>Energy</i>	<i>Environmental</i>	<i>Forestry</i>	<i>Water intensive industry</i>	<i>Water resources</i>	<i>Water supply</i>	<i>All sectors</i>
<i>(A) Availability of drought risk assessment</i>	Tools	0,70	0,61	0,54	0,71	0,60	0,50	0,79	0,71	0,69
<i>(A) Building standards relating to water efficiency</i>	Policies	0,66	0,46	0,30	0,61	0,17	0,50	0,58	0,68	0,60
<i>(A) Drought early warning systems</i>	Tools	0,69	0,73	0,38	0,55	0,42	0,50	0,66	0,65	0,63
<i>(A) Drought monitoring schemes</i>	Tools	0,74	0,68	0,38	0,66	0,44	0,50	0,68	0,65	0,67
<i>(A) Groundwater monitoring</i>	Tools	0,79	0,71	0,45	0,71	0,46	0,50	0,80	0,77	0,73
<i>(A) Long-term supply & demand assessments</i>	Tools	0,78	0,69	0,63	0,79	0,50	0,50	0,88	0,77	0,75
<i>(A) Planned drought prevention measures (authority level)</i>	Policies	0,79	0,65	0,65	0,76	0,46	0,50	0,81	0,63	0,74
<i>(A) Real time DRA and DRM tools</i>	Tools	0,71	0,75	0,29	0,61	0,48	0,50	0,69	0,66	0,66
<i>(A) Relevant data regarding drought</i>	Tools	0,73	0,81	0,71	0,71	0,50	0,50	0,79	0,68	0,71
<i>(C) Collaborative decision making & development (authority)</i>	Governance	0,72	0,64	0,44	0,73	0,35	0,50	0,75	0,72	0,69
<i>(C) Competence-level within authorities*</i>	Governance	0,74	0,84	0,25	0,63	0,58	0,50	0,70	0,67	0,70
<i>(C) Coordinated Water Strategy (authority level)</i>	Policies	0,77	0,64	0,70	0,78	0,25	0,50	0,87	0,67	0,74
<i>(C) Coordination & cooperation among authorities*</i>	Governance	0,74	0,75	0,33	0,64	0,41	0,50	0,61	0,66	0,68
<i>(C) Decision support systems regarding drought</i>	Tools	0,72	0,66	0,46	0,69	0,58	0,50	0,79	0,67	0,69
<i>(C) Defined water use rights</i>	Policies	0,77	0,67	0,88	0,74	0,21	0,50	0,81	0,73	0,73
<i>(C) Drought awareness within authorities</i>	Governance	0,76	0,77	0,67	0,71	0,50	0,50	0,85	0,71	0,73
<i>(C) Drought plan incl raising awareness (authority level)</i>	Policies	0,75	0,60	0,44	0,74	0,42	0,50	0,83	0,68	0,71
<i>(C) Financial capacity of the government*</i>	Governance	0,65	0,77	0,25	0,60	0,33	0,50	0,55	0,52	0,61
<i>(C) Local water management plan</i>	Policies	0,77	0,73	0,65	0,80	0,25	0,50	0,88	0,70	0,75
<i>(C) Presence of a DMP</i>	Policies	0,75	0,58	0,63	0,76	0,42	0,50	0,77	0,72	0,72

*(C) Social/physical capacity within authorities**

(C) Water transfer and drought policies

(C) Water use priority classes in authority level DMP

Governance	0,63									0,63
Policies	0,73	0,70	0,50	0,69	0,25	0,50	0,81	0,67		0,69
Policies	0,77	0,78	0,63	0,71	0,29	0,50	0,77	0,73		0,73

S3 - Governance vulnerability factors, their subcategories, and impact scores

<i>Societal vulnerability factors</i>	<i>subcategory</i>	<i>Society</i>
<i>(C) Drought awareness among water users</i>	Setting	0,75
<i>(S) Access to public drinking water service</i>	Supply	0,75
<i>(S) Size of population</i>	Setting	0,69
<i>(S) Size of town</i>	Setting	0,67
<i>(S) Societal financial dependency on DWC industries</i>	Setting	0,77

S4- Overview of respondent characteristics

<i>Sector</i>	<i>Gender identity</i>			<i>Place of employment</i>					<i>Work experience</i>			<i>Drought experience</i>			<i>Geographical location</i>	
	F	M	NA	Authority	Enterprise	NGO	Research	Trade association	0-5 yrs	5-10 yrs	>10 yrs	1-2	2-4	3-4	North	South
<i>Agricultural</i>	10	3		2	1		5	5	4	2	7	1	2	10	1	12
<i>Energy</i>	1	6		1	4		1	1	2	1	4	1	1	5	2	5
<i>Environmental</i>	15	16	4	29		1	5		10	5	20	8	14	13	7	28
<i>Forestry</i>	1	12	1	4	4		6		1	1	12		3	11	4	10
<i>Water resources</i>	8	6	1	11	1	1	2		2	9	4	3	4	8		15
<i>Water supply</i>	8	7	1	14	1			1	2	2	12	3	3	10	2	14

<i>Organization</i>	<i>Gender identity</i>			<i>Work experience</i>			<i>Geographical location</i>		<i>Drought experience</i>		
	F	M	NA	0-5 yrs	5-10 yrs	>10 yrs	North	South	1-2	2	3-4
<i>Authority</i>	32	25	5	16	15	31	9	53	14	19	29
<i>Company</i>	2	9	1	2	3	7	5	7		4	8
<i>NGO</i>		2		1		1		2	1		1
<i>Research</i>	6	12	1	1	1	17	2	17	1	5	13
<i>Trade association</i>	4	3		1	2	4		7	1		6

<i>Geographical location</i>	<i>Gender identity</i>			<i>Work experience</i>			<i>Drought experience</i>		
	F	M	NA	0-5 yrs	5-10 yrs	>10 yrs	1-2	2	3-4
<i>North</i>	6	9	1	5	2	9	4	6	6
<i>South</i>	38	42	6	16	19	51	13	22	51

S5 – Number of respondents per sector as well as primary field of focus within the sector

<i>Sector and primary focus</i>	<i>Respondents (n)</i>
<i>Agricultural</i>	13
<i>Crop production</i>	7
<i>Advocacy activities for green industries</i>	1
<i>Crop and vegetable production, & animal husbandry</i>	1
<i>Animal husbandry & production</i>	2
<i>Food strategy</i>	1
<i>Other</i>	1
<i>Energy</i>	7
<i>Hydropower</i>	6
<i>Other</i>	1
<i>Environmental</i>	35
<i>Aquatic ecosystems</i>	9
<i>Both aquatic & terrestrial ecosystems</i>	16
<i>Terrestrial ecosystems</i>	10
<i>Forestry</i>	14
-	1
<i>Both production and nature conservation</i>	1
<i>Ecosystem services</i>	1
<i>Nature conservation</i>	4
<i>Production</i>	6
<i>Research</i>	1
<i>Unspecified</i>	1
-	1
<i>Water intensive industry</i>	1
<i>Paper- & pulp industry</i>	1
<i>Water resources</i>	15
<i>Exercise of authority</i>	1
<i>Society</i>	1
<i>Water management</i>	1
<i>Water quality effects in physical planning</i>	1
<i>Water resource management</i>	11
<i>Water supply</i>	16
<i>Drinking water production & distribution</i>	16
<i>Grand Total</i>	102

S6 –Significant differences in sectoral factor ratings (p-value <0.05) based on pairwise Wilcoxon Rank sum test, with corrections for multiple testing, using the Benjamini-Hochberg method for p-value adjustment.

<i>Sectoral vulnerability factor</i>	<i>Sectors</i>		<i>p-value</i>	<i>Subcategory</i>
<i>Funding for small scale water projects</i>	Energy	Agricultural	0,0142	Supply
<i>Funding for small scale water projects</i>	Environmental	Energy	0,0142	Supply
<i>Funding for small scale water projects</i>	Forestry	Agricultural	0,0142	Supply
<i>Funding for small scale water projects</i>	Forestry	Environmental	0,0142	Supply
<i>Funding for small scale water projects</i>	Water resources	Energy	0,0142	Supply
<i>Funding for small scale water projects</i>	Water resources	Forestry	0,0142	Supply
<i>Funding for small scale water projects</i>	Water supply	Agricultural	0,0157	Supply
<i>Funding for small scale water projects</i>	Water supply	Environmental	0,0142	Supply
<i>Funding for small scale water projects</i>	Water supply	Water resources	0,0142	Supply
<i>Species shift for climate adaptation (forests)</i>	Forestry	Energy	0,0180	Species
<i>Species shift for climate adaptation (forests)</i>	Water supply	Forestry	0,0180	Species
<i>Sectoral actor's level of available assets</i>	Forestry	Agricultural	0,0096	Funds
<i>Sectoral actor's level of available assets</i>	Water supply	Forestry	0,0079	Funds
<i>Sectoral actor's level of solvency</i>	Energy	Agricultural	0,0148	Funds
<i>Sectoral actor's level of solvency</i>	Environmental	Agricultural	0,0048	Funds
<i>Sectoral actor's level of solvency</i>	Forestry	Agricultural	0,0046	Funds
<i>Sectoral actor's level of solvency</i>	Water resources	Agricultural	0,0101	Funds
<i>Sectoral actor's level of solvency</i>	Water supply	Energy	0,0395	Funds
<i>Sectoral actor's level of solvency</i>	Water supply	Environmental	0,0148	Funds
<i>Sectoral actor's level of solvency</i>	Water supply	Forestry	0,0046	Funds
<i>Sectoral actor's level of solvency</i>	Water supply	Water resources	0,0302	Funds
<i>Dependency on sector as only source of income</i>	Forestry	Agricultural	0,0351	Funds
<i>Apt size of water permits to sustain irrigation</i>	Energy	Agricultural	0,0126	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Environmental	Agricultural	0,0432	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Forestry	Agricultural	0,0005	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Forestry	Environmental	0,0021	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Water resources	Forestry	0,0021	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Water supply	Agricultural	0,0301	Irrigation
<i>Apt size of water permits to sustain irrigation</i>	Water supply	Forestry	0,0055	Irrigation
<i>Use of effective irrigation systems</i>	Energy	Agricultural	0,0010	Irrigation
<i>Use of effective irrigation systems</i>	Environmental	Agricultural	0,0003	Irrigation
<i>Use of effective irrigation systems</i>	Forestry	Agricultural	0,0000	Irrigation
<i>Use of effective irrigation systems</i>	Forestry	Environmental	0,0003	Irrigation
<i>Use of effective irrigation systems</i>	Water resources	Agricultural	0,0290	Irrigation
<i>Use of effective irrigation systems</i>	Water resources	Forestry	0,0008	Irrigation
<i>Use of effective irrigation systems</i>	Water supply	Agricultural	0,0034	Irrigation
<i>Use of effective irrigation systems</i>	Water supply	Forestry	0,0014	Irrigation
<i>Use of irrigation</i>	Energy	Agricultural	0,0022	Irrigation
<i>Use of irrigation</i>	Environmental	Agricultural	0,0007	Irrigation
<i>Use of irrigation</i>	Forestry	Agricultural	0,0001	Irrigation

<i>Use of irrigation</i>	Forestry	Environmental	0,0007	Irrigation
<i>Use of irrigation</i>	Water resources	Agricultural	0,0101	Irrigation
<i>Use of irrigation</i>	Water resources	Energy	0,0400	Irrigation
<i>Use of irrigation</i>	Water resources	Forestry	0,0007	Irrigation
<i>Use of irrigation</i>	Water supply	Agricultural	0,0033	Irrigation
<i>Use of irrigation</i>	Water supply	Forestry	0,0033	Irrigation
<i>Water available for irrigation during drought</i>	Energy	Agricultural	0,0006	Irrigation
<i>Water available for irrigation during drought</i>	Environmental	Agricultural	0,0005	Irrigation
<i>Water available for irrigation during drought</i>	Forestry	Agricultural	0,0000	Irrigation
<i>Water available for irrigation during drought</i>	Forestry	Environmental	0,0001	Irrigation
<i>Water available for irrigation during drought</i>	Water resources	Agricultural	0,0271	Irrigation
<i>Water available for irrigation during drought</i>	Water resources	Forestry	0,0008	Irrigation
<i>Water available for irrigation during drought</i>	Water supply	Agricultural	0,0022	Irrigation
<i>Water available for irrigation during drought</i>	Water supply	Forestry	0,0004	Irrigation
<i>Possibility to expand irrigation practices</i>	Energy	Agricultural	0,0076	Supply
<i>Possibility to expand irrigation practices</i>	Environmental	Agricultural	0,0076	Supply
<i>Possibility to expand irrigation practices</i>	Forestry	Agricultural	0,0001	Supply
<i>Possibility to expand irrigation practices</i>	Forestry	Environmental	0,0007	Supply
<i>Possibility to expand irrigation practices</i>	Water resources	Agricultural	0,0108	Supply
<i>Possibility to expand irrigation practices</i>	Water resources	Forestry	0,0032	Supply
<i>Possibility to expand irrigation practices</i>	Water supply	Agricultural	0,0103	Supply
<i>Possibility to expand irrigation practices</i>	Water supply	Forestry	0,0007	Supply
<i>Land and soil degradation</i>	Energy	Agricultural	0,0434	Stress
<i>Land and soil degradation</i>	Environmental	Energy	0,0099	Stress
<i>Land and soil degradation</i>	Forestry	Environmental	0,0099	Stress
<i>Land and soil degradation</i>	Water supply	Energy	0,0434	Stress
<i>Productivity of land</i>	Energy	Agricultural	0,0032	Setting
<i>Productivity of land</i>	Environmental	Agricultural	0,0032	Setting
<i>Productivity of land</i>	Environmental	Energy	0,0032	Setting
<i>Productivity of land</i>	Forestry	Agricultural	0,0032	Setting
<i>Productivity of land</i>	Forestry	Energy	0,0122	Setting
<i>Productivity of land</i>	Water resources	Agricultural	0,0050	Setting
<i>Productivity of land</i>	Water supply	Agricultural	0,0050	Setting
<i>Productivity of land</i>	Water supply	Energy	0,0050	Setting
<i>Proportion of fertile soils</i>	Energy	Agricultural	0,0077	Setting
<i>Proportion of fertile soils</i>	Environmental	Agricultural	0,0077	Setting
<i>Proportion of fertile soils</i>	Environmental	Energy	0,0336	Setting
<i>Proportion of fertile soils</i>	Forestry	Agricultural	0,0157	Setting
<i>Proportion of fertile soils</i>	Water resources	Agricultural	0,0209	Setting
<i>Proportion of fertile soils</i>	Water supply	Agricultural	0,0157	Setting
<i>Drought resilient seedlings</i>	Energy	Agricultural	0,0301	Species
<i>Drought resilient seedlings</i>	Environmental	Energy	0,0375	Species
<i>Drought resilient seedlings</i>	Forestry	Energy	0,0375	Species
<i>Drought resilient seedlings</i>	Water supply	Agricultural	0,0375	Species

<i>Drought resilient stand mixtures</i>	Energy	Agricultural	0,0442	Species
<i>Drought resilient stand mixtures</i>	Environmental	Energy	0,0442	Species
<i>Drought resilient stand mixtures</i>	Forestry	Energy	0,0442	Species
<i>Shallow rooted crops/species</i>	Energy	Agricultural	0,0378	Species
<i>Shallow rooted crops/species</i>	Forestry	Energy	0,0378	Species
<i>Shallow rooted crops/species</i>	Water supply	Agricultural	0,0378	Species
<i>Species suitable for future drought projections</i>	Energy	Agricultural	0,0470	Species
<i>Species suitable for future drought projections</i>	Environmental	Energy	0,0470	Species
<i>Drought tolerance of current species</i>	Energy	Agricultural	0,0234	Species
<i>Drought tolerance of current species</i>	Environmental	Energy	0,0267	Species
<i>Drought tolerance of current species</i>	Forestry	Energy	0,0281	Species
<i>Drought tolerance of current species</i>	Water supply	Agricultural	0,0358	Species
<i>Deteriorating ecosystems</i>	Environmental	Energy	0,0196	Stress
<i>Deteriorating ecosystems</i>	Forestry	Environmental	0,0240	Stress
<i>Deteriorating ecosystems</i>	Water supply	Environmental	0,0240	Stress
<i>Presence of wetlands, lakes and ponds</i>	Environmental	Agricultural	0,0078	Setting
<i>Presence of wetlands, lakes and ponds</i>	Forestry	Environmental	0,0011	Setting
<i>Presence of wetlands, lakes and ponds</i>	Water resources	Forestry	0,0175	Setting
<i>Water dependent ecosystems</i>	Forestry	Environmental	0,0003	Setting
<i>Water dependent ecosystems</i>	Water resources	Forestry	0,0218	Setting
<i>Water dependent ecosystems</i>	Water supply	Environmental	0,0218	Setting
<i>Water quality deterioration</i>	Environmental	Energy	0,0105	Stress
<i>Water quality deterioration</i>	Forestry	Agricultural	0,0105	Stress
<i>Water quality deterioration</i>	Forestry	Environmental	0,0003	Stress
<i>Water quality deterioration</i>	Water resources	Forestry	0,0141	Stress
<i>Water quality deterioration</i>	Water supply	Energy	0,0308	Stress
<i>Water quality deterioration</i>	Water supply	Forestry	0,0061	Stress
<i>Access to public drinking water service</i>	Energy	Agricultural	0,0163	Supply
<i>Access to public drinking water service</i>	Environmental	Energy	0,0064	Supply
<i>Access to public drinking water service</i>	Forestry	Agricultural	0,0042	Supply
<i>Access to public drinking water service</i>	Forestry	Environmental	0,0009	Supply
<i>Access to public drinking water service</i>	Water resources	Energy	0,0103	Supply
<i>Access to public drinking water service</i>	Water resources	Forestry	0,0025	Supply
<i>Access to public drinking water service</i>	Water supply	Energy	0,0042	Supply
<i>Access to public drinking water service</i>	Water supply	Forestry	0,0009	Supply
<i>Level of groundwater exploitation</i>	Forestry	Agricultural	0,0499	Stress
<i>Level of groundwater exploitation</i>	Forestry	Environmental	0,0169	Stress
<i>Level of groundwater exploitation</i>	Water resources	Forestry	0,0499	Stress
<i>Level of groundwater exploitation</i>	Water supply	Forestry	0,0499	Stress
<i>Possibilities for development of water storage</i>	Forestry	Agricultural	0,0008	Supply
<i>Possibilities for development of water storage</i>	Forestry	Environmental	0,0011	Supply
<i>Possibilities for development of water storage</i>	Water resources	Forestry	0,0008	Supply
<i>Possibilities for development of water storage</i>	Water supply	Forestry	0,0008	Supply
<i>Alternative water source & water supply</i>	Forestry	Agricultural	0,0010	Supply

<i>Alternative water source & water supply</i>	Forestry	Environmental	0,0002	Supply
<i>Alternative water source & water supply</i>	Water resources	Forestry	0,0014	Supply
<i>Alternative water source & water supply</i>	Water supply	Forestry	0,0010	Supply
<i>Competing water interests</i>	Forestry	Agricultural	0,0027	Stress
<i>Competing water interests</i>	Forestry	Environmental	0,0009	Stress
<i>Competing water interests</i>	Water resources	Forestry	0,0018	Stress
<i>Competing water interests</i>	Water supply	Forestry	0,0027	Stress
<i>Permanent water restrictions</i>	Environmental	Agricultural	0,0433	Supply
<i>Permanent water restrictions</i>	Forestry	Agricultural	0,0067	Supply
<i>Permanent water restrictions</i>	Forestry	Environmental	0,0176	Supply
<i>Permanent water restrictions</i>	Water resources	Agricultural	0,0245	Supply
<i>Permanent water restrictions</i>	Water supply	Forestry	0,0201	Supply
<i>Regional water distribution networks</i>	Forestry	Agricultural	0,0255	Supply
<i>Regional water distribution networks</i>	Forestry	Environmental	0,0065	Supply
<i>Regional water distribution networks</i>	Water resources	Forestry	0,0065	Supply
<i>Regional water distribution networks</i>	Water supply	Forestry	0,0065	Supply
<i>Reliable water resource for water supply</i>	Energy	Agricultural	0,0081	Supply
<i>Reliable water resource for water supply</i>	Forestry	Agricultural	0,0006	Supply
<i>Reliable water resource for water supply</i>	Forestry	Environmental	0,0007	Supply
<i>Reliable water resource for water supply</i>	Water resources	Energy	0,0140	Supply
<i>Reliable water resource for water supply</i>	Water resources	Forestry	0,0007	Supply
<i>Reliable water resource for water supply</i>	Water supply	Energy	0,0349	Supply
<i>Reliable water resource for water supply</i>	Water supply	Forestry	0,0013	Supply
<i>Baseline water stress</i>	Energy	Agricultural	0,0441	Stress
<i>Baseline water stress</i>	Forestry	Agricultural	0,0029	Stress
<i>Baseline water stress</i>	Forestry	Environmental	0,0029	Stress
<i>Baseline water stress</i>	Water resources	Forestry	0,0029	Stress
<i>Baseline water stress</i>	Water supply	Forestry	0,0163	Stress

S7 – Significant differences in governance factor impact ratings on (a) sectoral drought risk and (b) societal drought risk (p-value <0.05) based on pairwise Wilcoxon Rank sum test, with corrections for multiple testing, using the Benjamini-Hochberg method for p-value adjustment.

a) Significant difference in governance factor ratings (p-value <0.05) for sectoral drought risk, depending on sectoral focus of respondents

<i>Governance vulnerability factor</i>	<i>Sectors</i>		<i>p-value</i>	<i>subcategory</i>
<i>Relevant data regarding drought</i>	Forestry	Agricultural	0,0385	Tools
<i>Long-term supply & demand assessments</i>	Forestry	Environmental	0,0203	Tools
<i>Long-term supply & demand assessments</i>	Water resources	Forestry	0,0203	Tools
<i>Groundwater monitoring</i>	Water resources	Forestry	0,0254	Tools
<i>Groundwater monitoring</i>	Water supply	Forestry	0,0254	Tools
<i>Coordinated Water Strategy (authority level)</i>	Forestry	Environmental	0,0089	Policies
<i>Coordinated Water Strategy (authority level)</i>	Water resources	Forestry	0,0089	Policies
<i>Drought plan incl raising awareness (authority level)</i>	Water resources	Forestry	0,0393	Policies
<i>Local water management plan</i>	Forestry	Environmental	0,0077	Policies
<i>Local water management plan</i>	Water resources	Forestry	0,0077	Policies
<i>Water transfer and drought policies</i>	Forestry	Environmental	0,0295	Policies
<i>Water transfer and drought policies</i>	Water resources	Forestry	0,0207	Policies
<i>Defined water use rights</i>	Forestry	Agricultural	0,0483	Policies
<i>Defined water use rights</i>	Forestry	Energy	0,0483	Policies
<i>Defined water use rights</i>	Forestry	Environmental	0,0121	Policies
<i>Defined water use rights</i>	Water resources	Forestry	0,0138	Policies
<i>Defined water use rights</i>	Water supply	Forestry	0,0194	Policies

b) Significant difference in governance factor ratings (p-value <0.05) for societal drought risk depending on respondents' place of employment

<i>Governance vulnerability factor</i>	<i>Sectors</i>		<i>p-value</i>	<i>subcategory</i>
<i>Water transfer and drought policies</i>	Research	Authority	0,04467	Policies
<i>Financial capacity of the government*</i>	Company	Authority	0,038918	Authority
<i>Financial capacity of the government*</i>	Research	Authority	0,038918	Authority
<i>Social/physical capacity within authorities*</i>	Company	Authority	0,004864	Authority
<i>Social/physical capacity within authorities*</i>	Research	Authority	0,026956	Authority