

# An expert assessment of climate & conflict

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Photo: Suarez/RCRC Climate Centre

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ENVIRONMENT

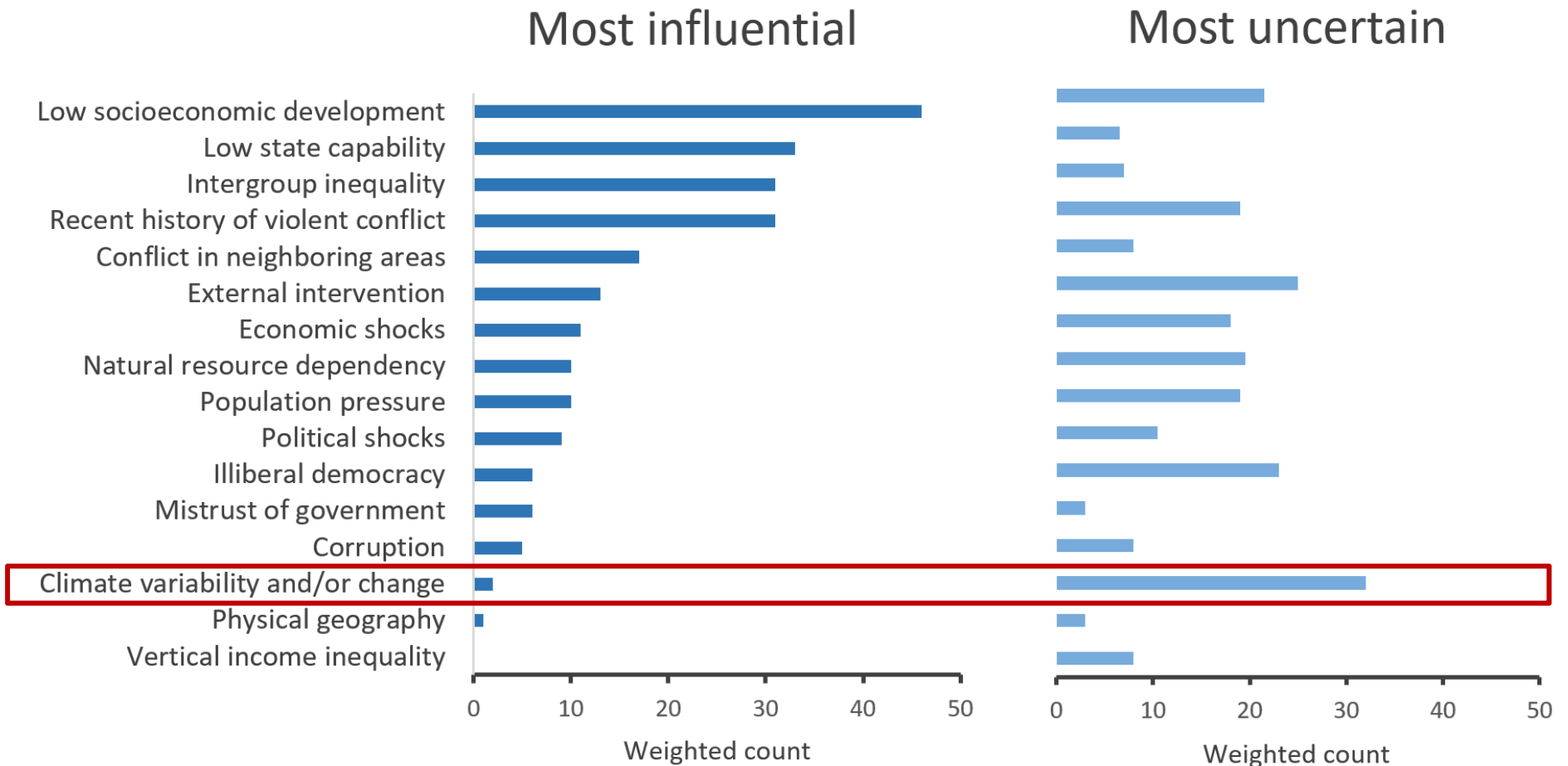
# An expert assessment of climate change and the risk of violent conflict

- 1) Individual expert elicitation
- 2) Expert group deliberation
- 3) Synthesis publication by the expert group

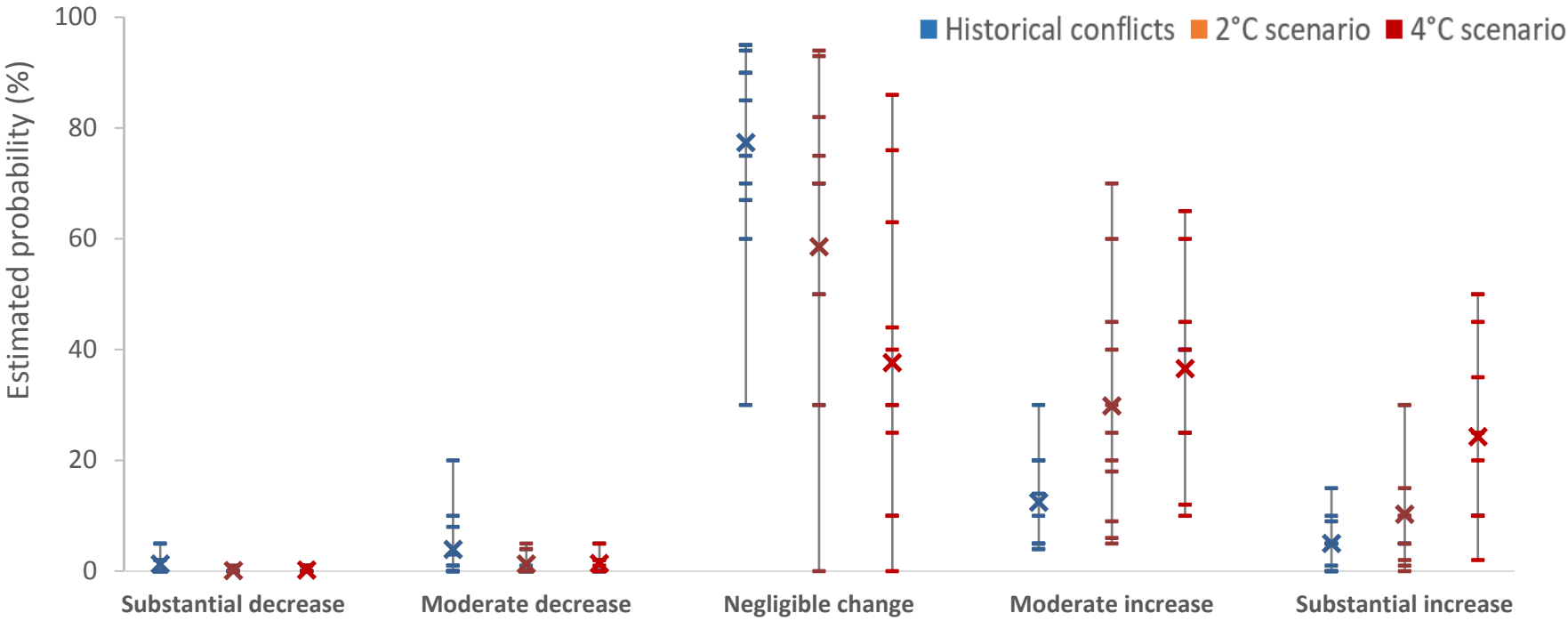
**Expert group:** N. Adger, H. Buhaug, M. Burke, J. Fearon, C. Hendrix, J.-F. Maystadt, J. O'Loughlin, P. Roessler, J. Scheffran, K. Schultz, and N. von Uexkull



# Most influential & uncertain factors for conflict



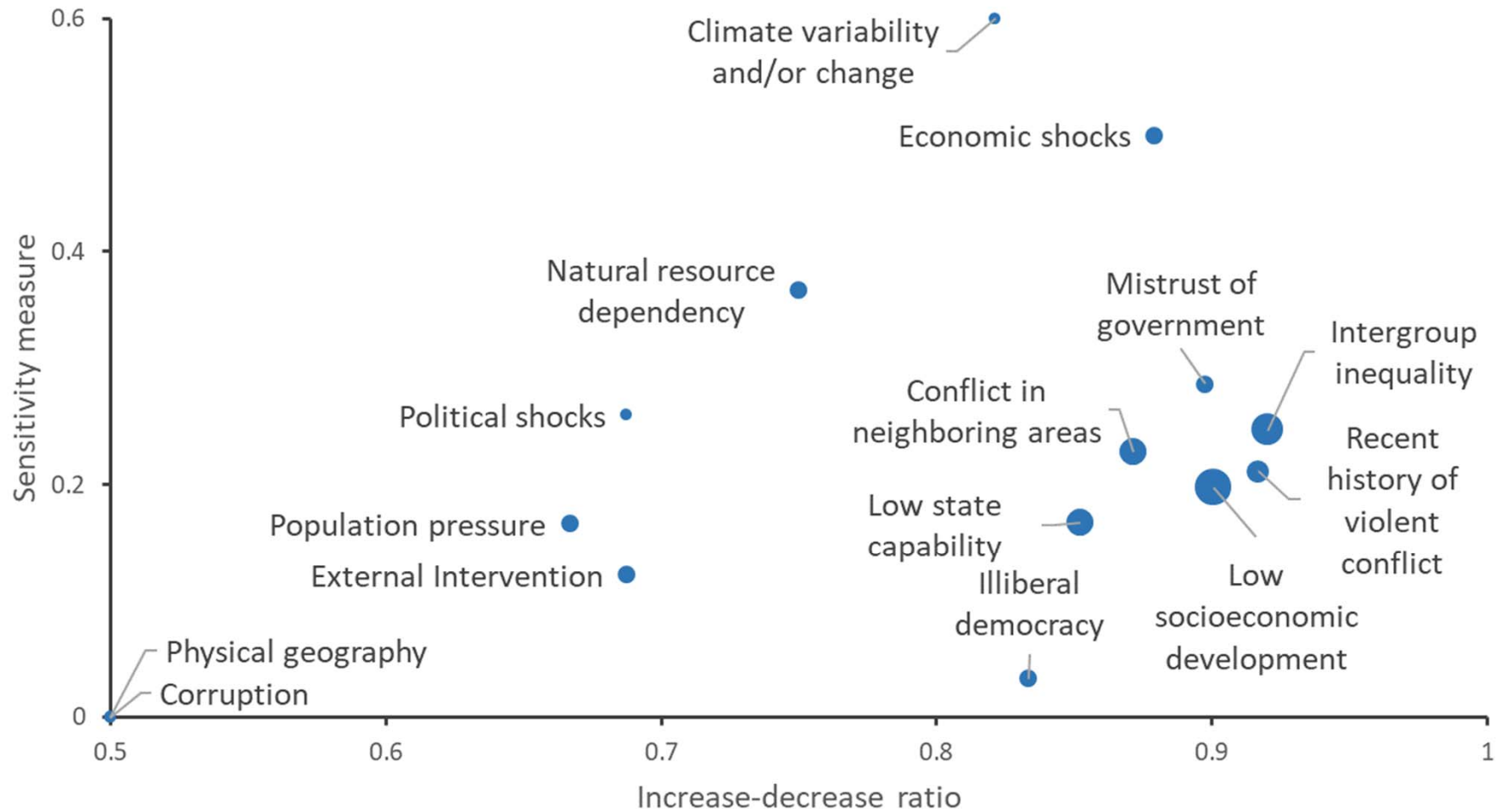
# Relationship between climate & conflict risk



# Sensitivity & increase-decrease ratio by expert

		Balanced						Increase-leaning								
Low sensitivity	Expert 3	SC	1	1	94	2	2	m	Expert 6	SC	0	0	95	5	0	m
	PS	3	3	88	3	3	l	II	0	0	95	5	0	m		
	EI	1	1	96	1	1	m	PP	0	0	100	0	0	m		
	SD	1	1	94	2	2	l	SD	0	0	85	15	0	m		
	ID	1	1	96	1	1	m	ES	0	0	75	20	5	l		
	NA	1	1	95	2	1	m	NA	0	0	95	5	0	m		
	Past	2	3	85	5	5	l	Past	0	0	90	10	0	l		
	High sensitivity	Expert 8	RH	2	10	60	20	8	l	Expert 10	SD	0	0	70	20	10
SD	0	5	80	15	0	l	II	0	0	60	30	10	vl			
NR	0	10	80	10	0	m	NR	0	0	50	35	15	vl			
ES	5	15	45	25	10	m	NA	0	0	50	35	15	vl			
NA	2	10	60	20	8	l	PP	0	0	50	30	20	vl			
VC	5	20	30	30	15	m	VC	0	0	50	25	25	vl			
Past	5	20	30	30	15	l	Past	0	0	90	5	5	m			

# Sensitivity & increase-decrease ratio by factor



# Sensitivity & increase-decrease ratio by factor

Low state capability

Exp. 2	0	10	65	20	5	m
Exp. 1	0	0	70	20	10	l
Exp. 7	0	0	70	20	10	m
Exp. 5	0	5	82	8	5	m
Exp. 9	0	2	93	4	1	m
Exp. 3	1	1	94	2	2	m
Exp. 6	0	0	95	5	0	m
Exp. 4	0	0	97	3	0	vl

Low socioeconomic development

Exp. 7	0	0	60	30	10	h
Exp. 2	0	5	70	20	5	h
Exp. 10	0	0	70	20	10	vl
Exp. 11	0	0	70	20	10	h
Exp. 5	0	5	77	12	6	l
Exp. 8	0	5	80	15	0	l
Exp. 6	0	0	85	15	0	m
Exp. 1	0	0	90	10	0	l
Exp. 9	0	1	92	6	1	m
Exp. 3	1	1	94	2	2	l
Exp. 4	0	0	95	5	0	l

Natural resource dependency

Exp. 10	0	0	50	35	15	vl
Exp. 1	0	10	60	30	0	l
Exp. 8	0	10	80	10	0	m

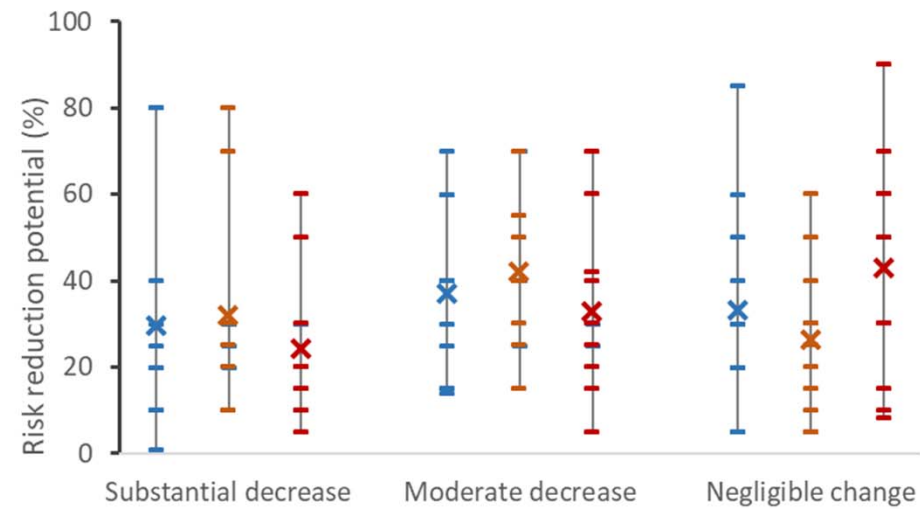
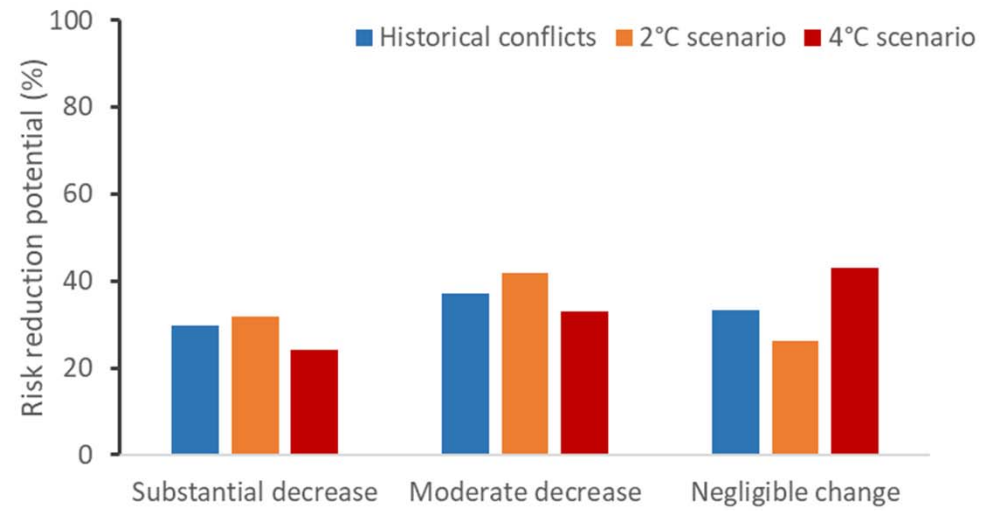
Economic shocks

Exp. 1	0	0	30	50	20	m
Exp. 8	5	15	45	25	10	m
Exp. 6	0	0	75	20	5	l



Increasing sensitivity

# Potential for **reducing** climate-related conflict risk





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## Next directions

- Learning from historical experiences
  - Climate and conflict across future scenarios
  - Implications for conflict risk reduction and adaptation
  - An inspired view of research possibilities
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