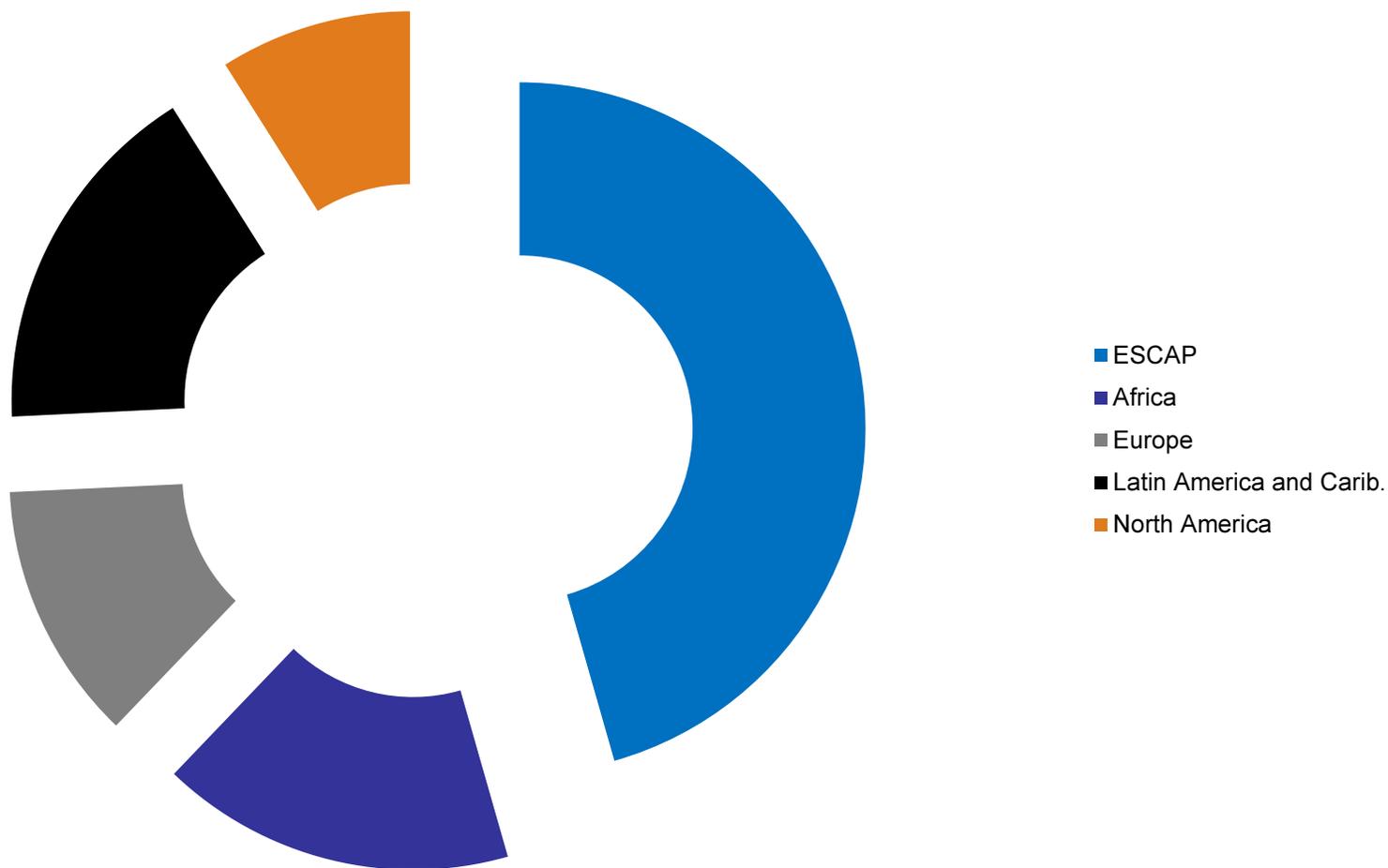




Climate change and disaster risk

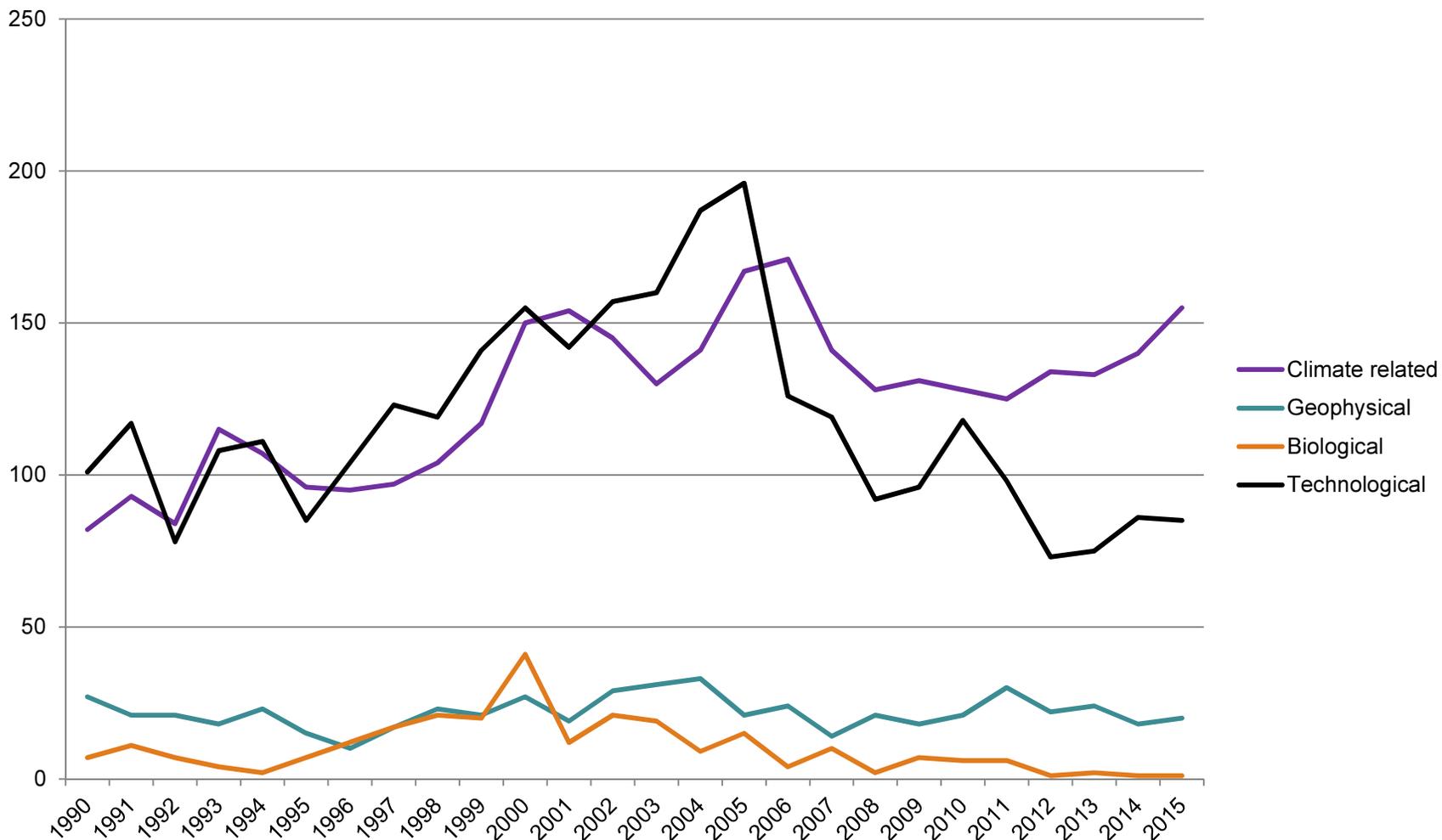


Number of climate-change related disaster occurrences, 2011-2015



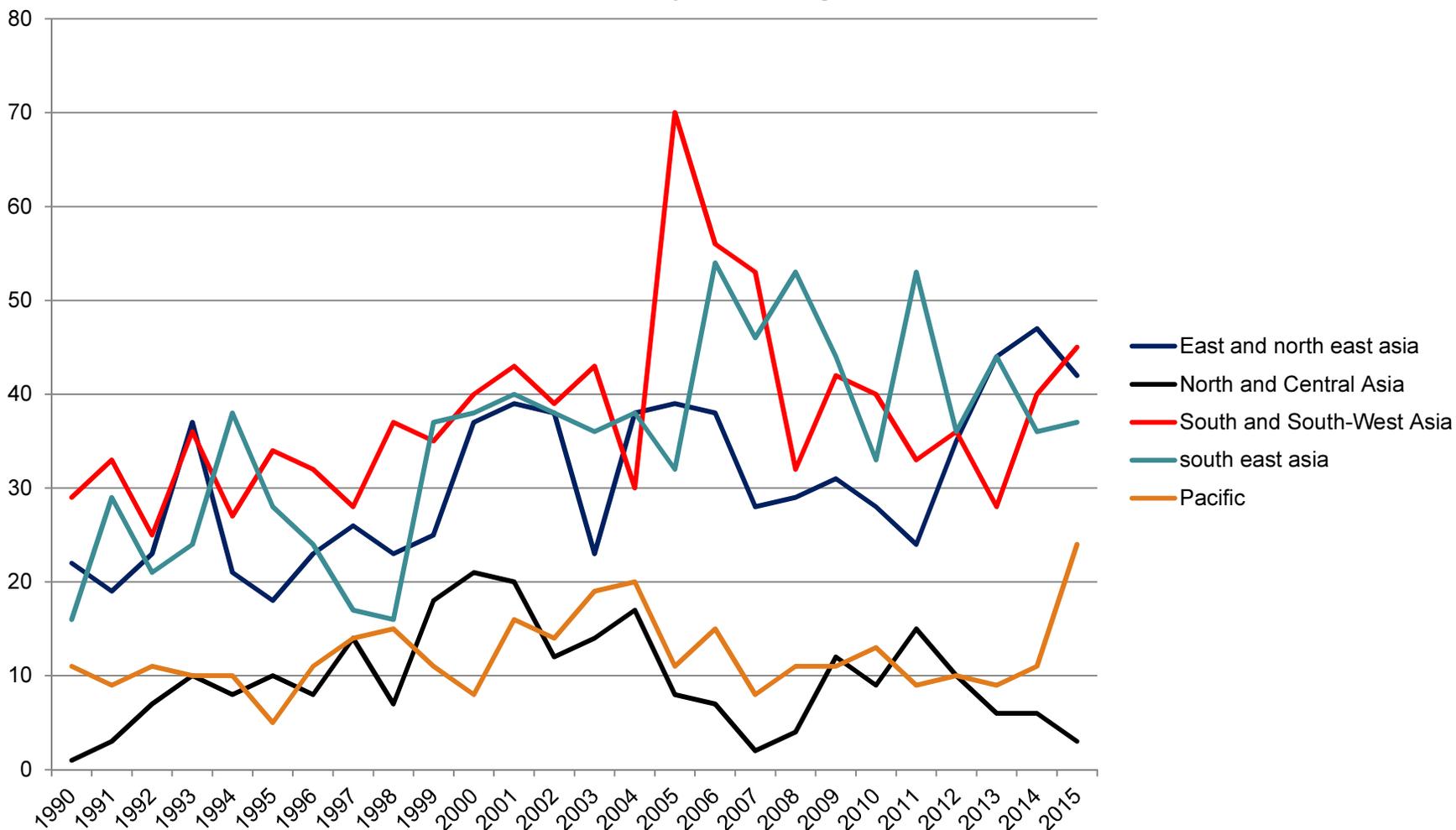


Number of events



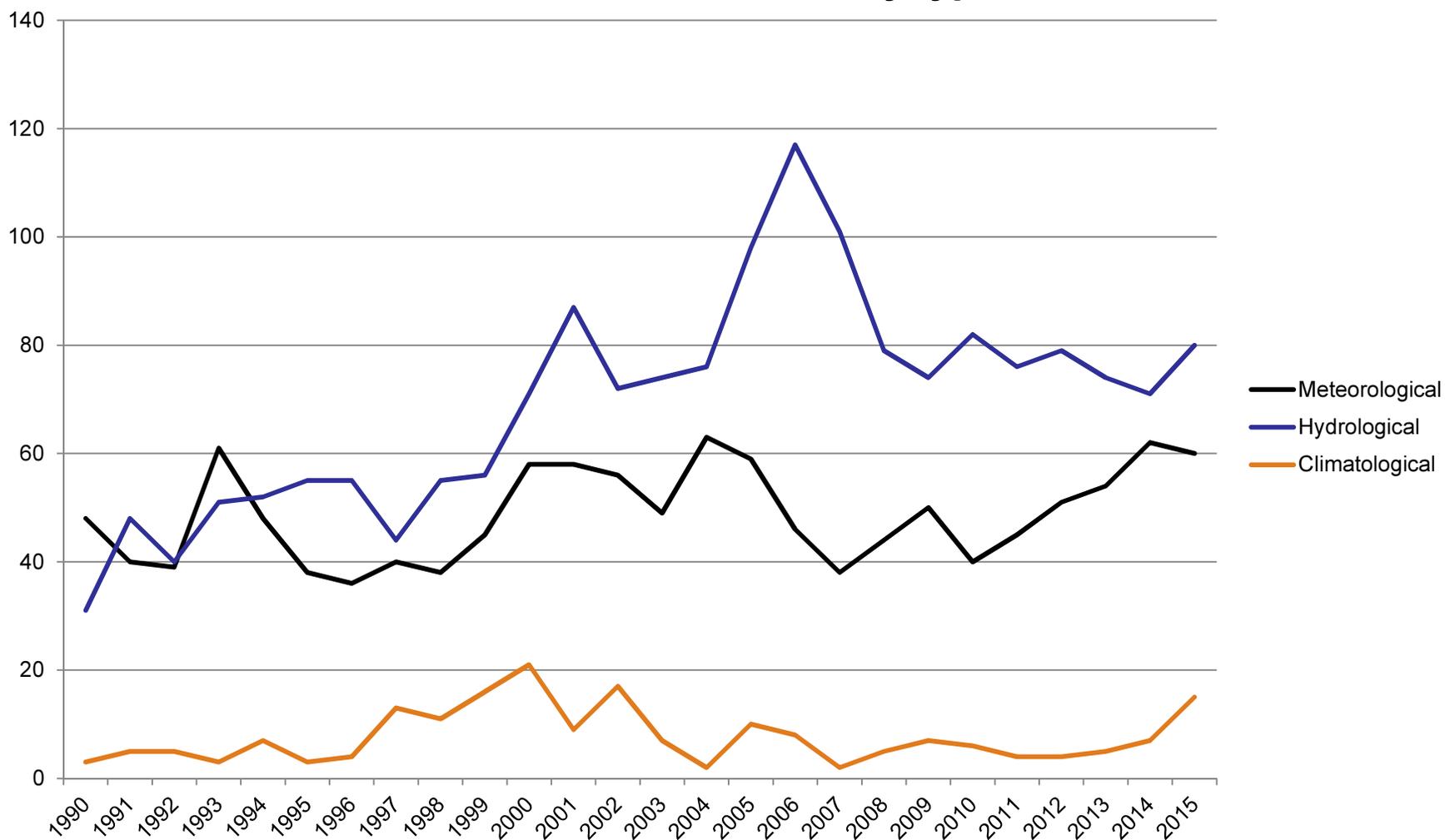


Climate-related disaster by subregions



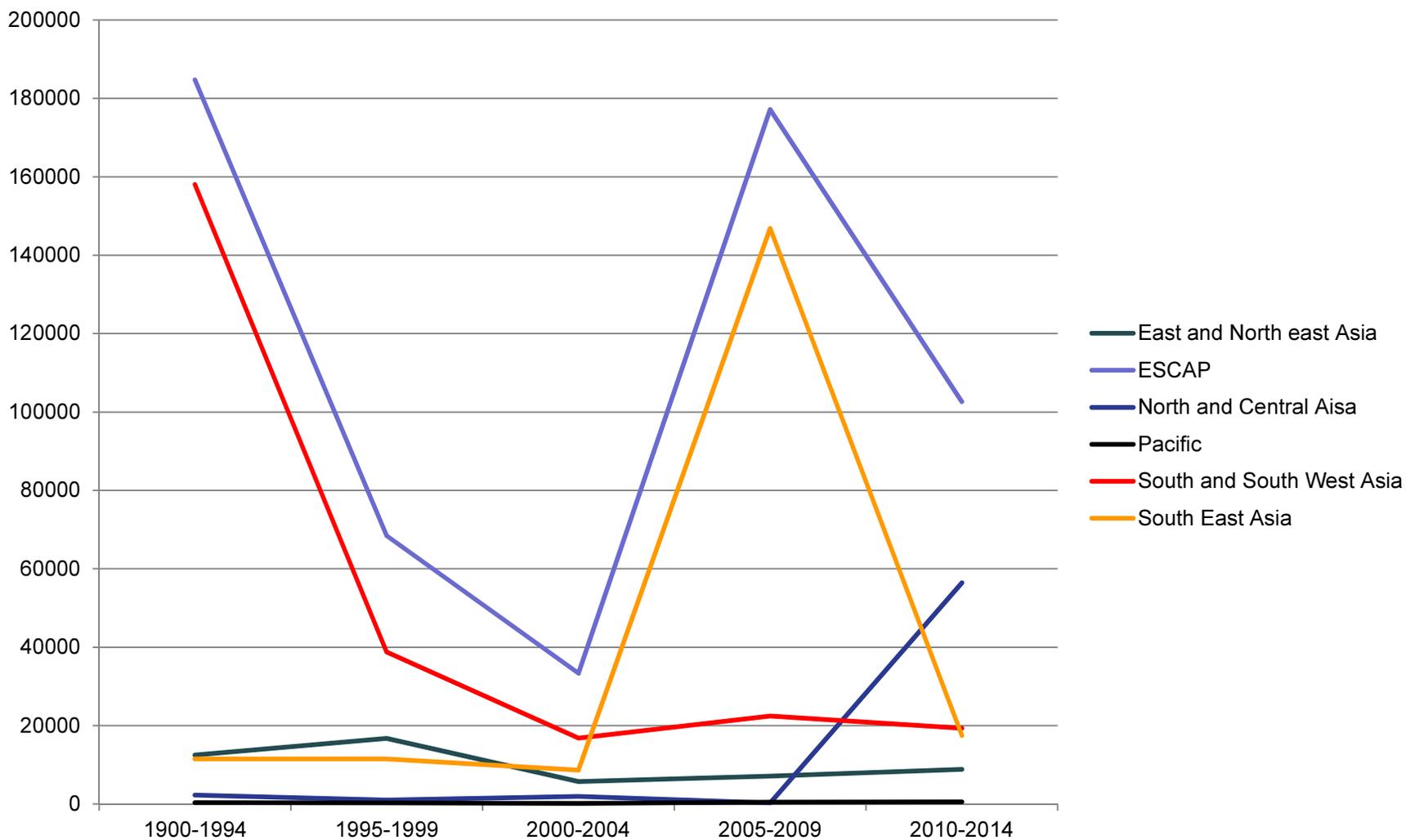


Number of Climate related disaster by type



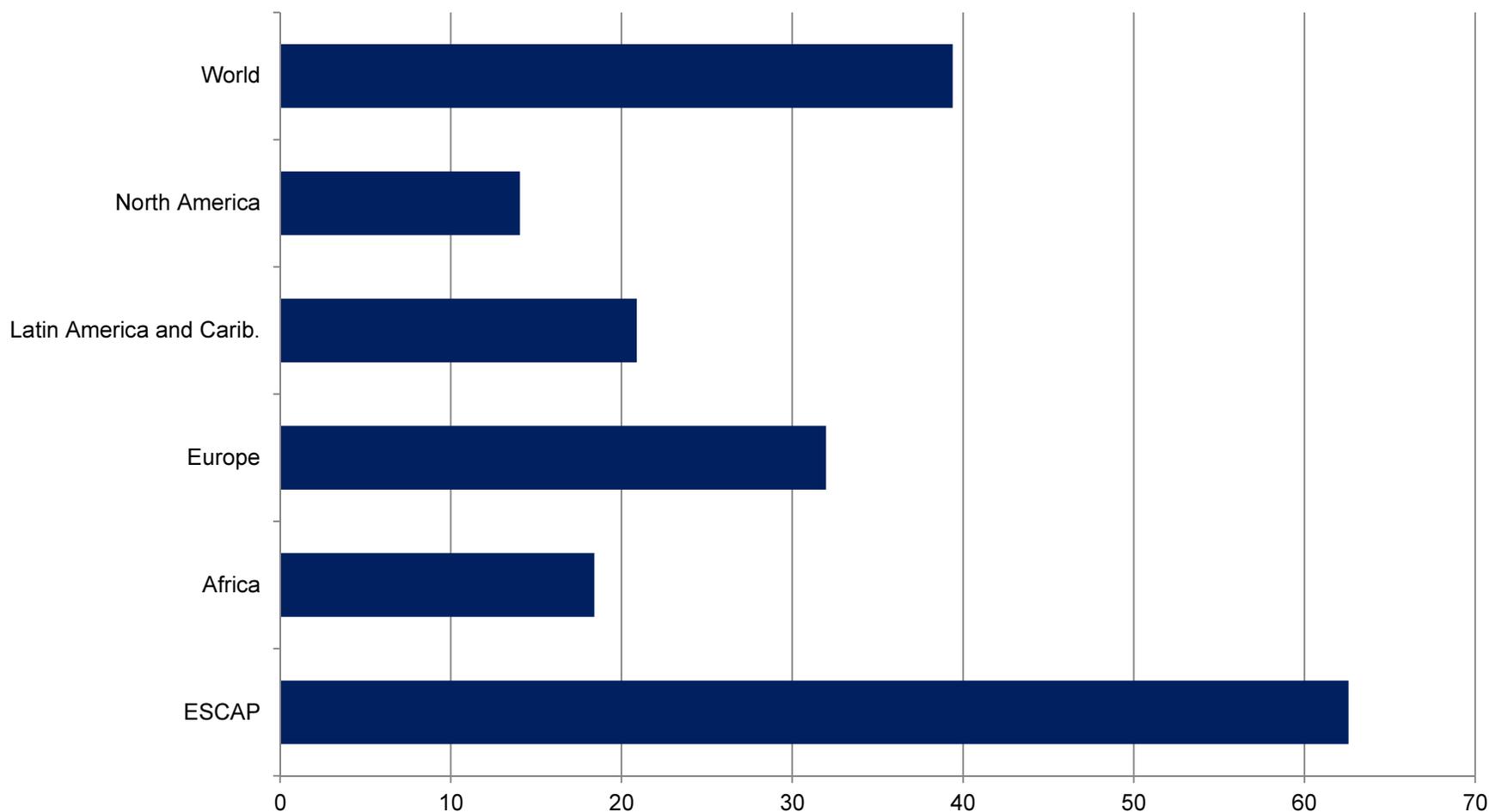


Number of death



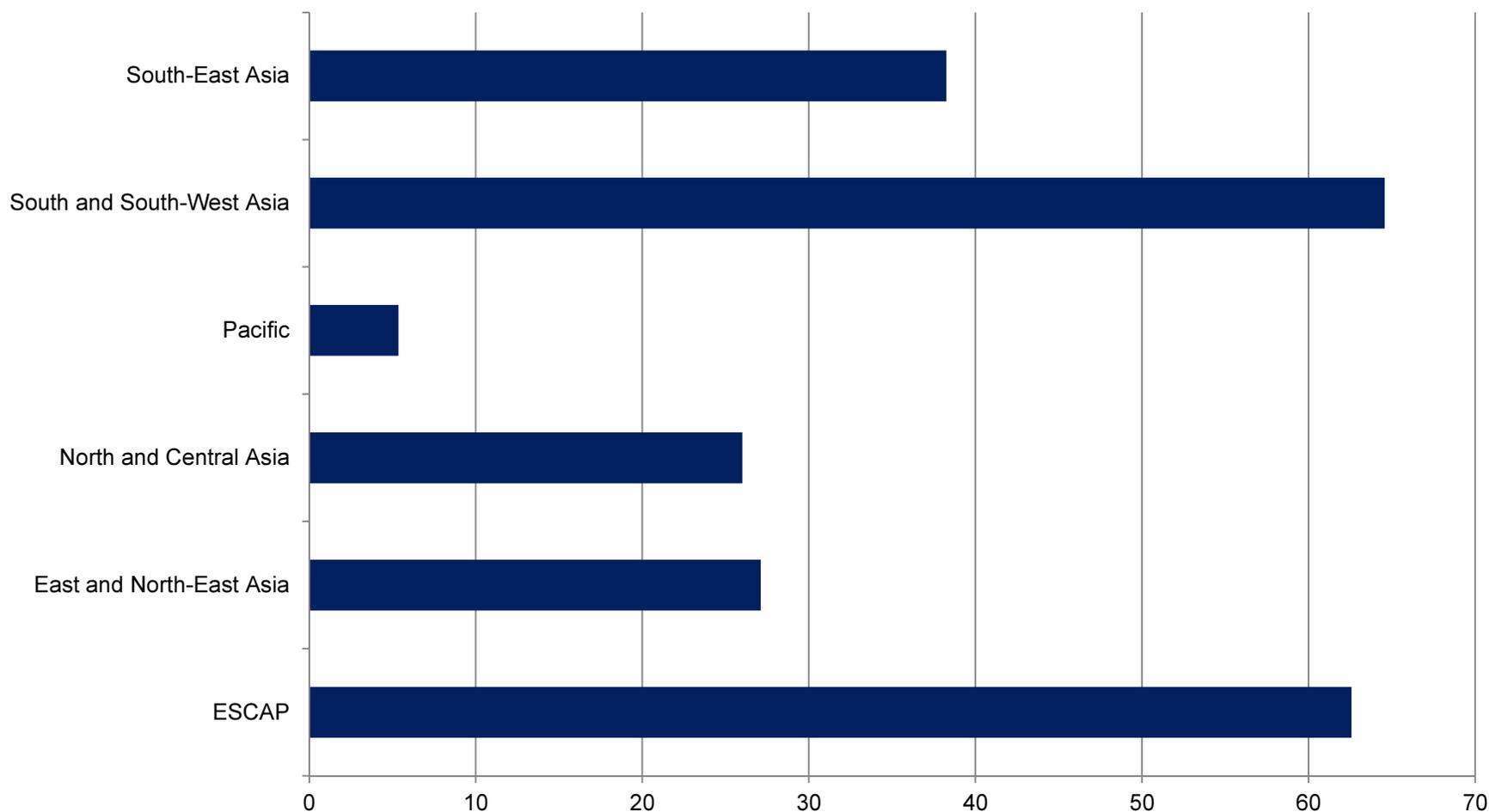


Deaths per occurrences of climate change-related disasters, 2011-15





Deaths per occurrence of climate change-related disasters, 2011-5





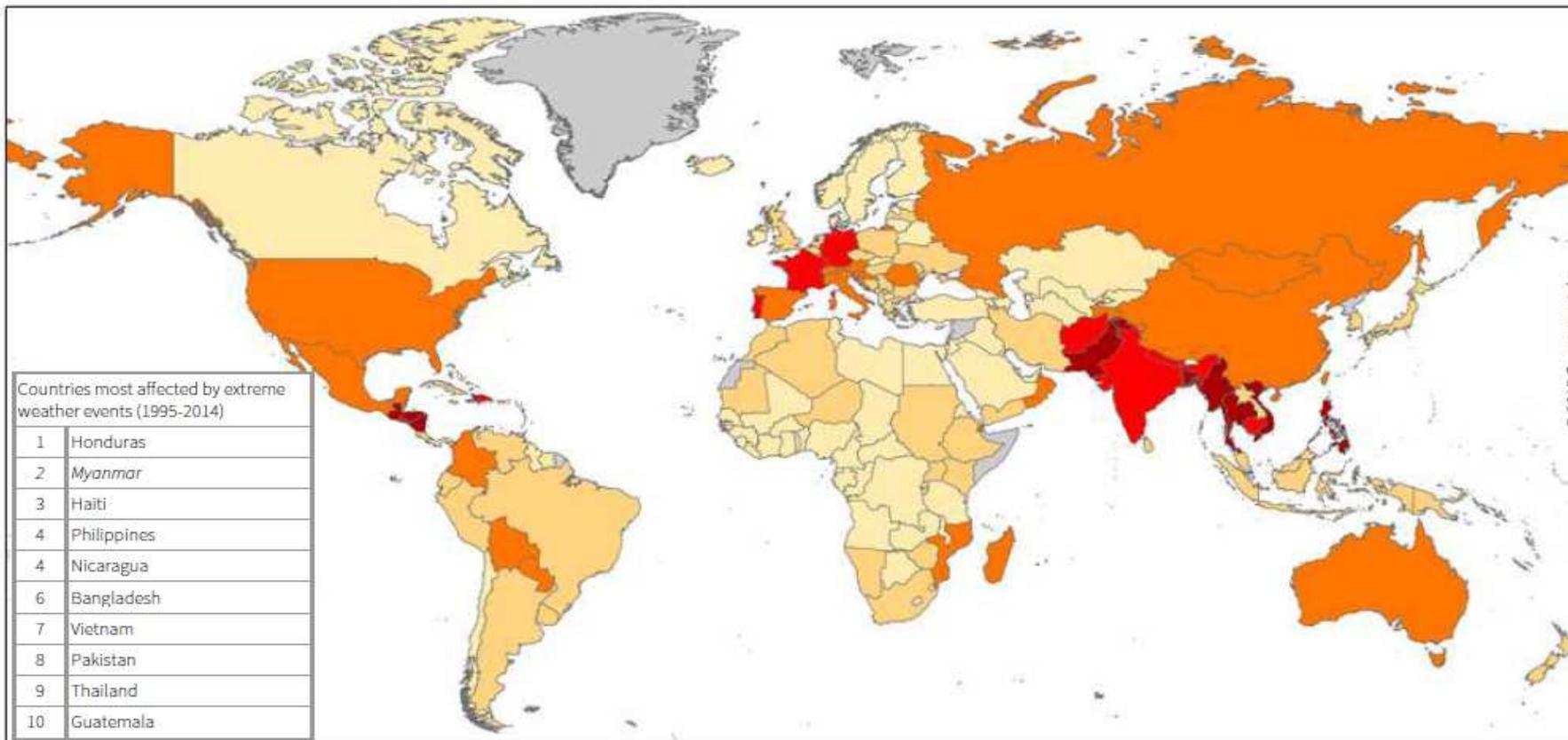
Global Climate Risk Index (CRI)

- Germanwatch
- Data source: Munich Re NatCatSERVICE
- The index is the weighted average of:
 - Number of death (1/6)
 - Number of deaths per 100,000 inhabitants (1/3)
 - Sum of losses in US\$ in PPP (1/6)
 - Losses per unit of GDP (1/3)



Table 1: The Long-Term Climate Risk Index (CRI): the 10 countries most affected from 1995 to 2014 (annual averages)

CRI 1995–2014 (1994–2013)	Country	CRI score	Death toll	Deaths per 100 000 inhabitants	Total losses in million US\$ PPP	Losses per unit GDP in %	Number of events (total 1995–2014)
1 (1)	Honduras	11.33	302.75	4.41	570.35	2.23	73
2 (2)	Myanmar	14.17	7 137.20	14.75	1 140.29	0.74	41
3 (3)	Haiti	17.83	252.65	2.76	223.29	1.55	63
4 (5)	Philippines	19.00	927.00	1.10	2 757.30	0.68	337
4 (4)	Nicaragua	19.00	162.30	2.97	227.18	1.23	51
6 (6)	Bangladesh	22.67	725.75	0.52	2 438.33	0.86	222
7 (7)	Vietnam	27.17	361.30	0.44	2 205.98	0.70	225
8 (10)	Pakistan	31.17	487.40	0.32	3 931.40	0.70	143
9 (11)	Thailand	32.33	164.20	0.25	7 480.76	1.05	217
10 (9)	Guatemala	32.50	83.35	0.66	407.76	0.50	88



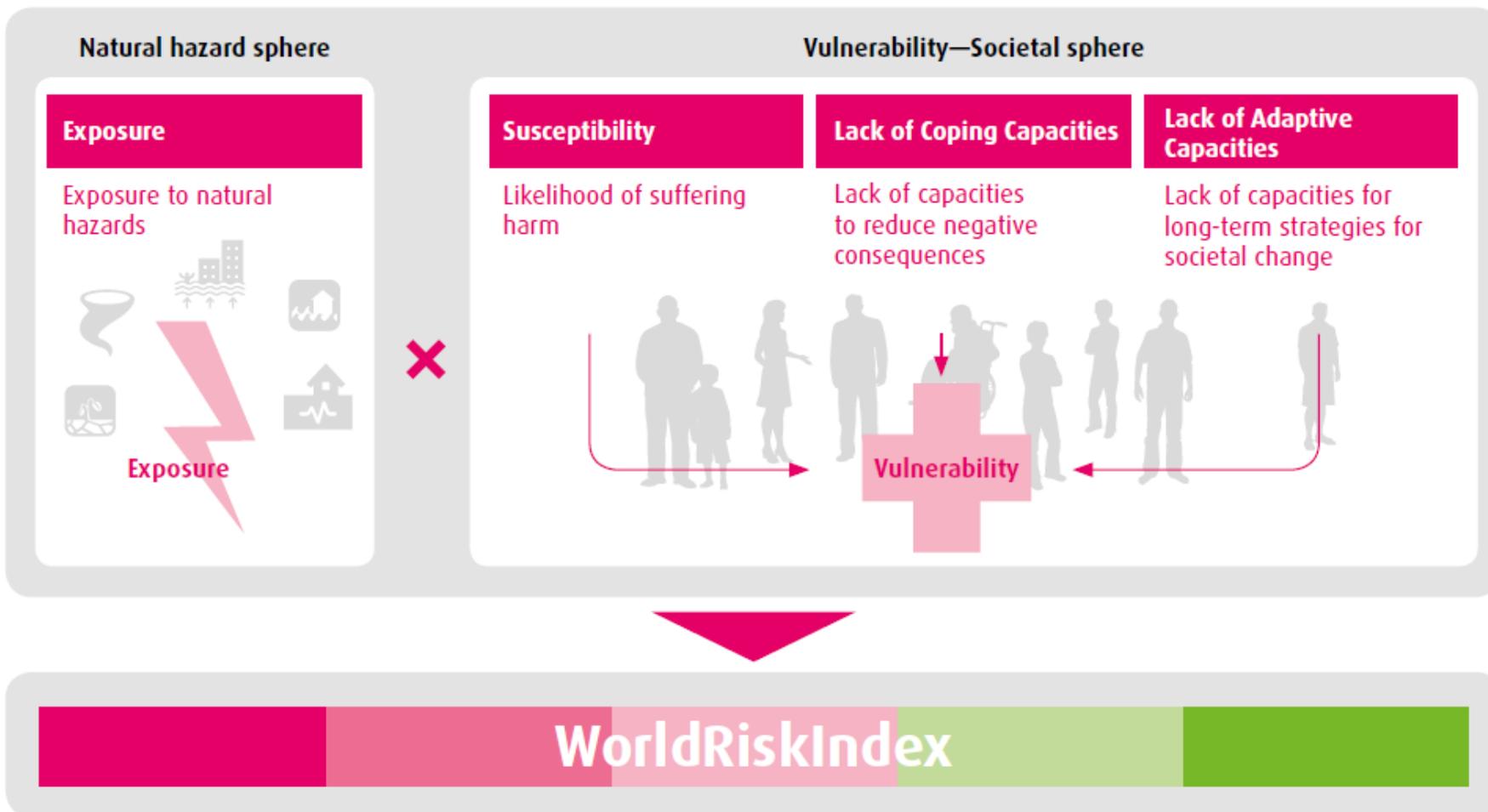
Cursive: Countries where more than 90% of the losses/deaths occurred in one year/event

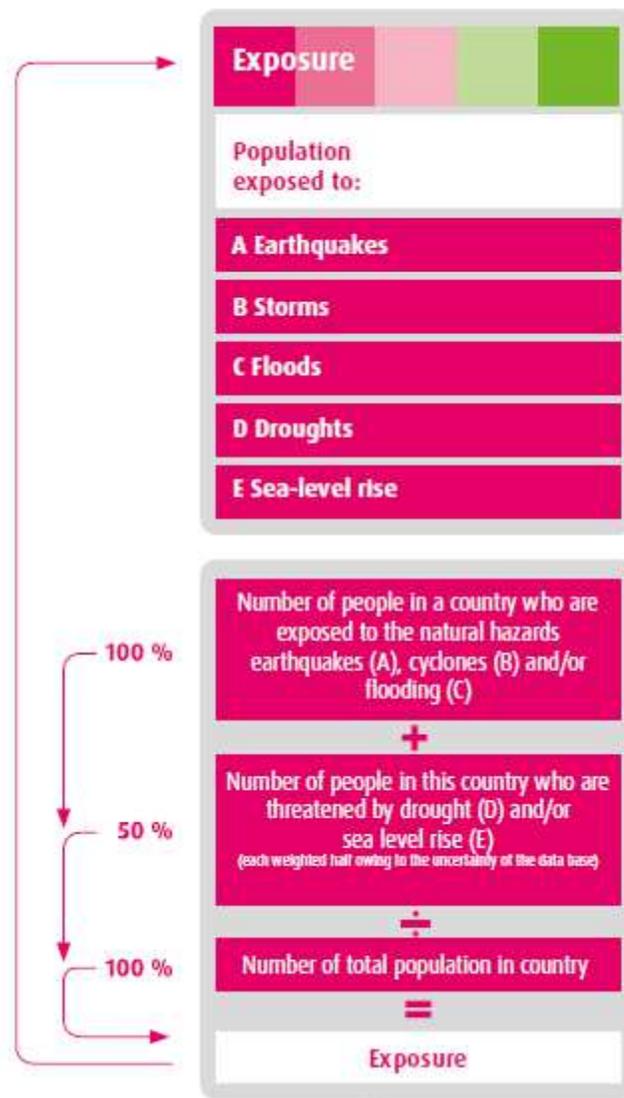
Climate Risk Index: Ranking 1995 – 2014

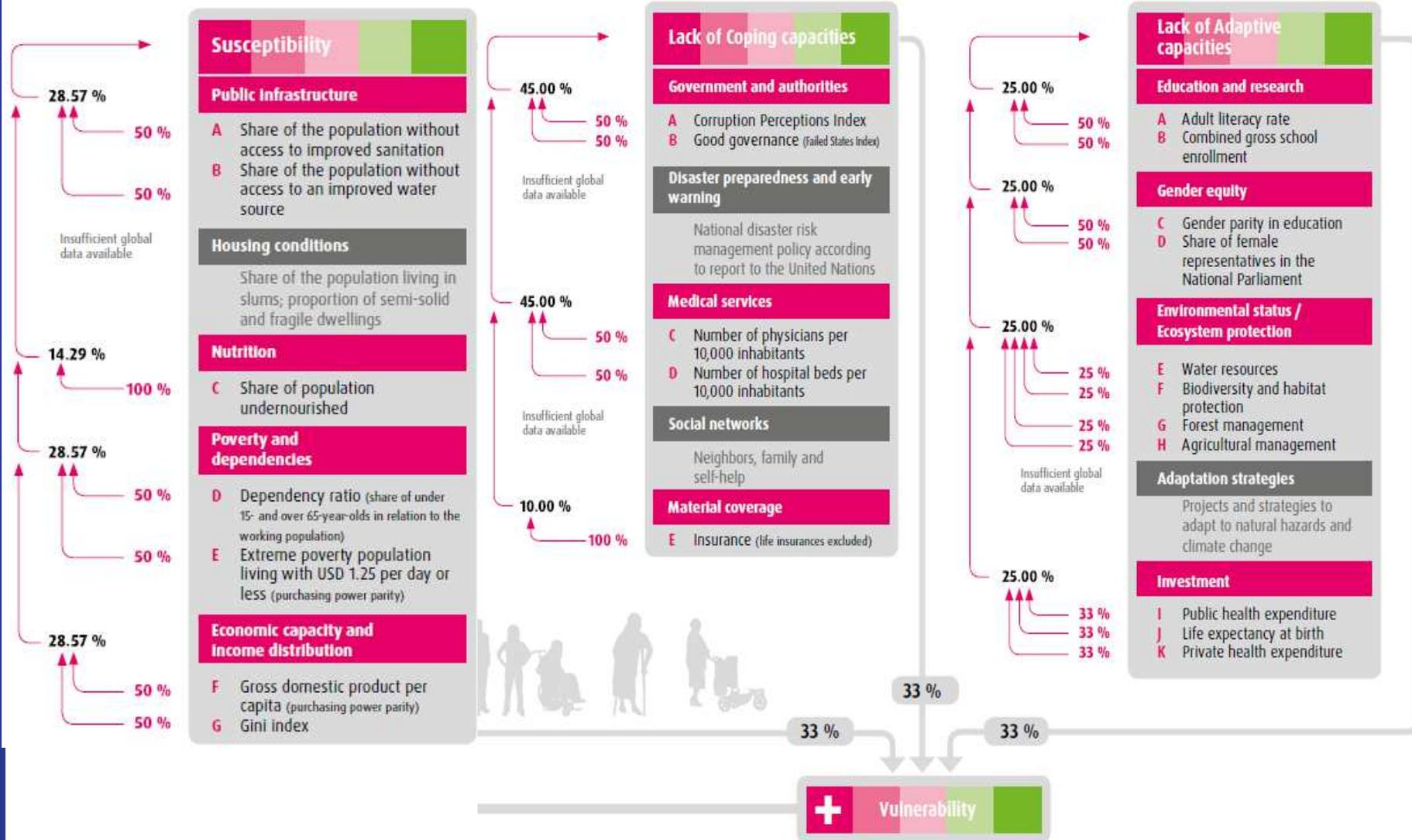


Figure 1: World Map of the Global Climate Risk Index 1995–2014

Source: Germanwatch and Munich Re NatCatSERVICE









Limitations of WorldRiskIndex

- The scope of the analysis is no longer visible
- The global WorldRiskIndex is dependent on data availability and quality.
- Different region may have different disaster risk even within one country (e.g. China and India)



Recommended Next Steps

- Further study (e.g. collect current practices) of related current practices and data availability in member countries related to disaster risk index?
- Continue research on “climate-related disasters”?