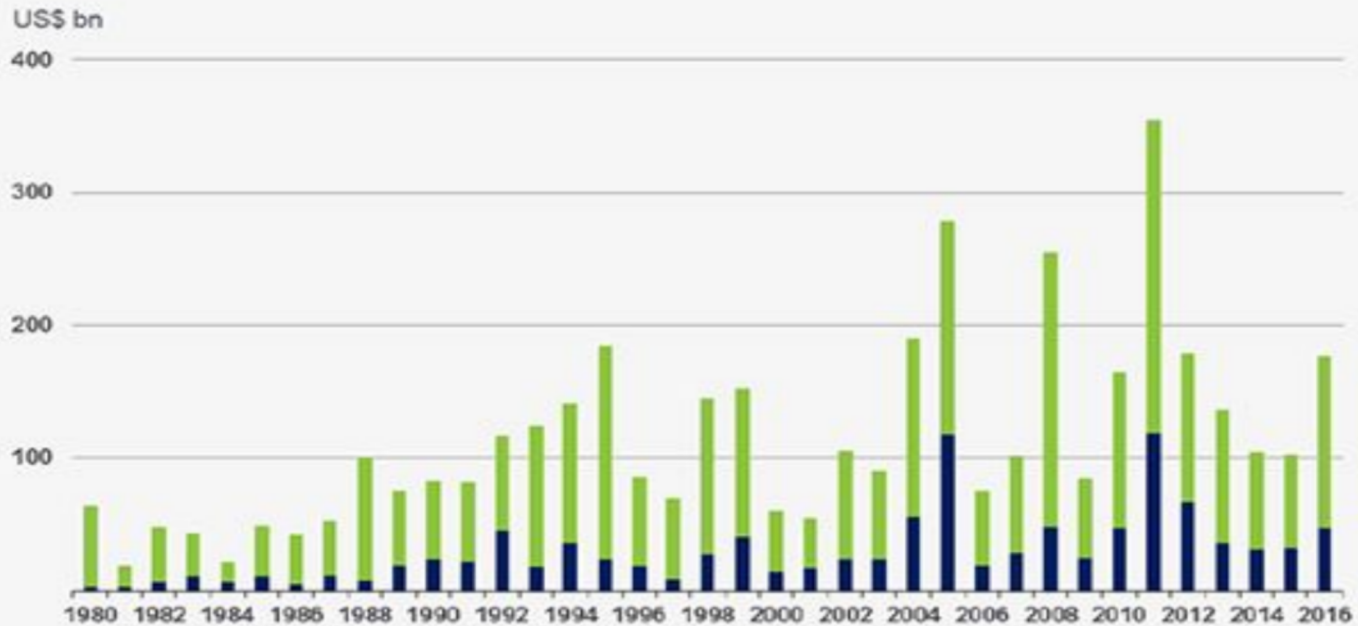
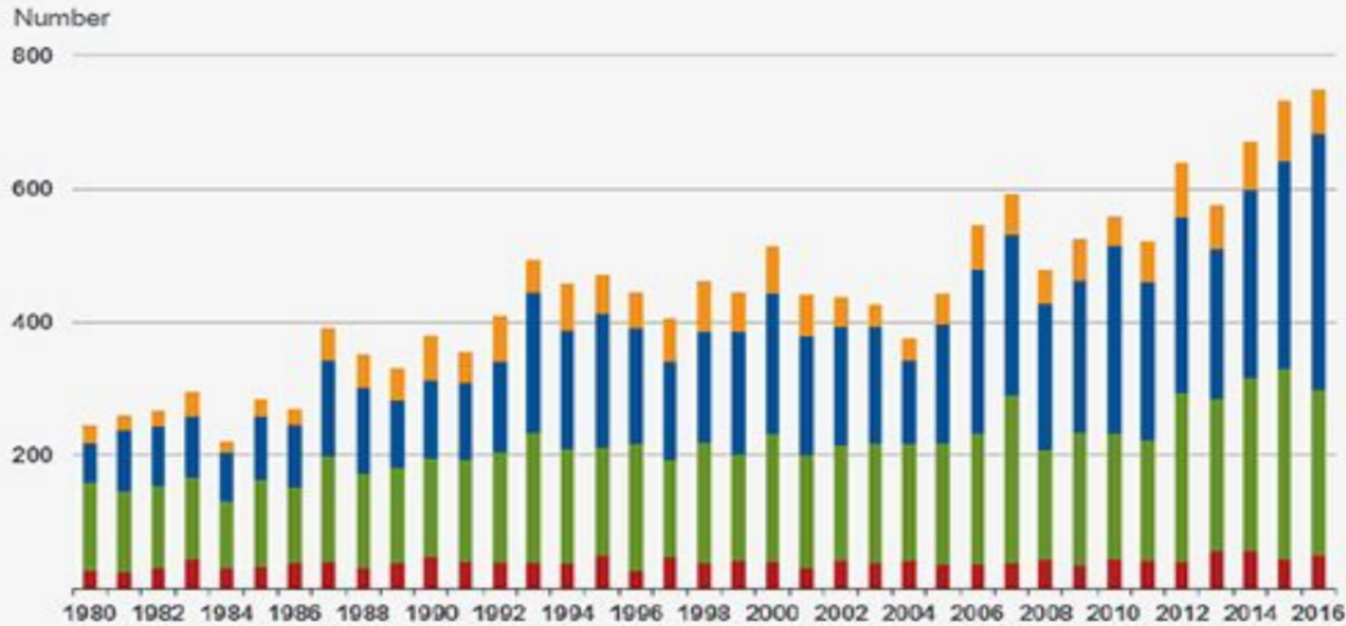




# Factors shaping the link from climate-related disasters to forced migration and violent conflict

Michael Brzoska and Jürgen Scheffran





Source: © 2017 Munich Re, Geo Risks Research, NatCatSERVICE

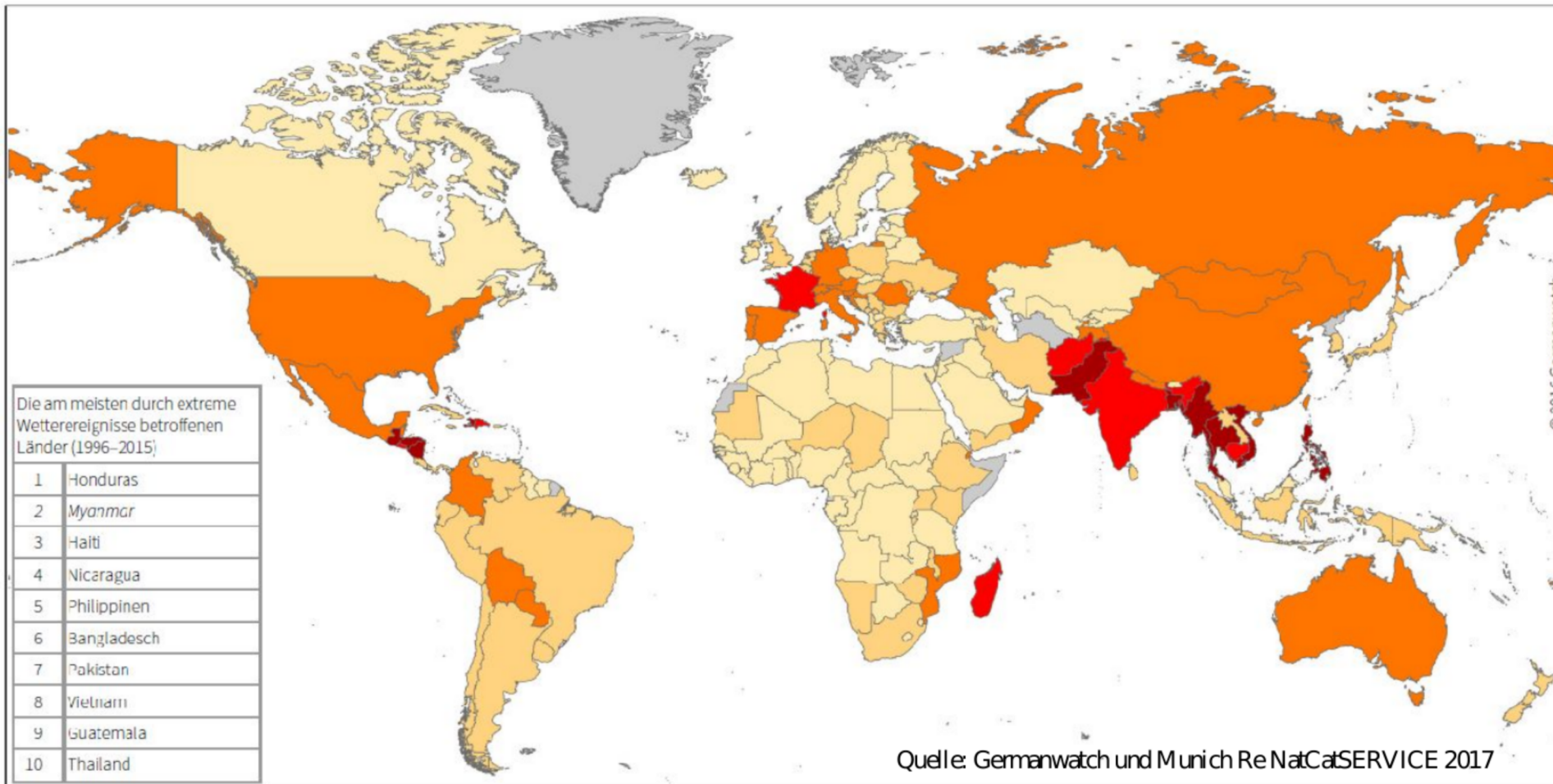


## Weather-related disasters

<i>Disaster type</i>	<i>Number of events</i>	<i>Total deaths (in thousands)</i>	<i>Total affected (in millions)</i>
Drought	293	21	1.347
Extreme temperatures	369	161	94
Flood	2.790	93	1.462
Landslide	313	14	4
Storms	1.705	193	556
Wildfire	198	1	3
<b>Total</b>	<b>5.668</b>	<b>483</b>	<b>3.466</b>

Source: Created from Guha-Sapir, D., Below, R. and Hoyois, P., EM-DAT: The CRED/OFDA International Disaster Database (Université Catholique de Louvain, Brussels), [www.emdat.be](http://www.emdat.be).

# Global Climate-Risk-Index (1996–2015)

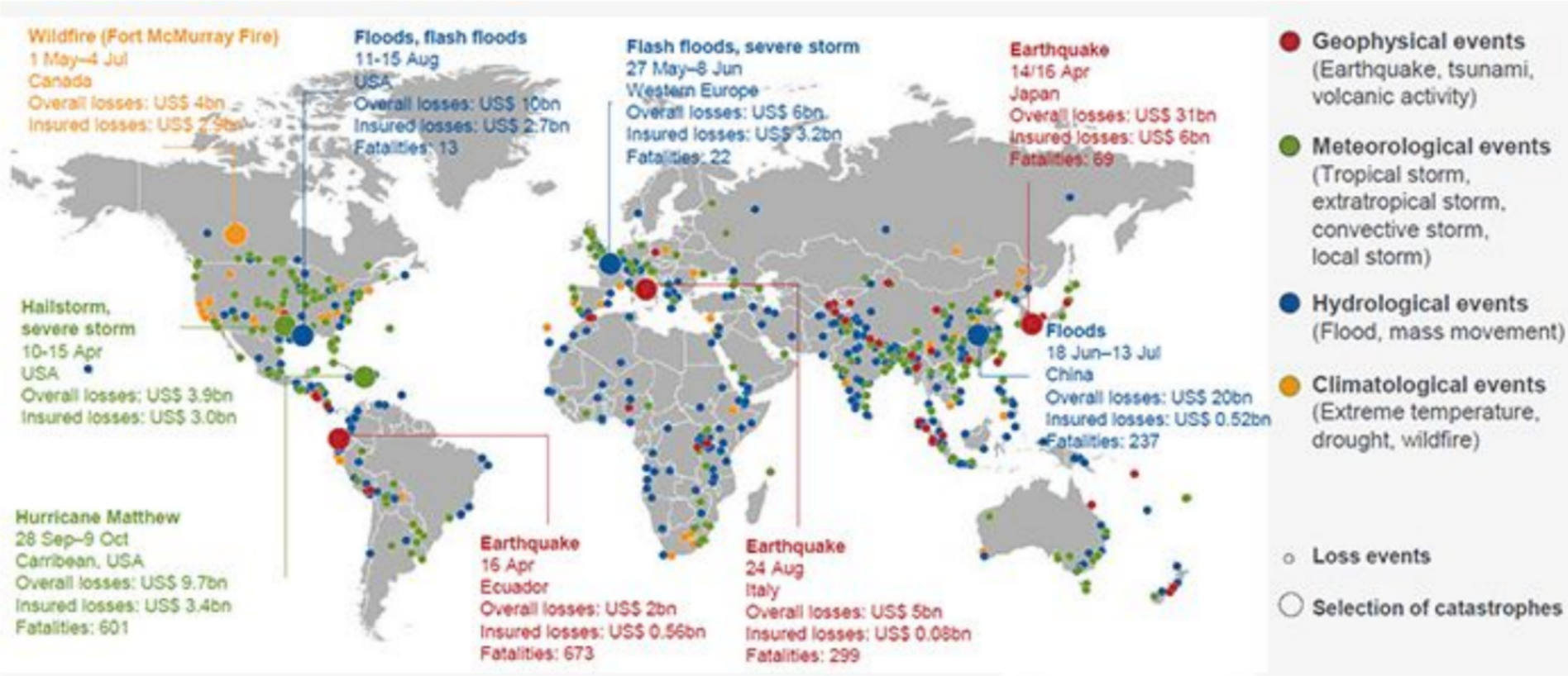


*Kursiv: Länder, in denen mehr als 90% der Verluste/Todesfälle in einem Jahr/Ereignis auftraten.*

**Klima-Risiko-Index: Ranking 1996–2015**
 1–10
  11–20
  21–50
  51–100
  >100
  Keine Daten

Based on disaster impact: casualties and GDP loss (percent and total)

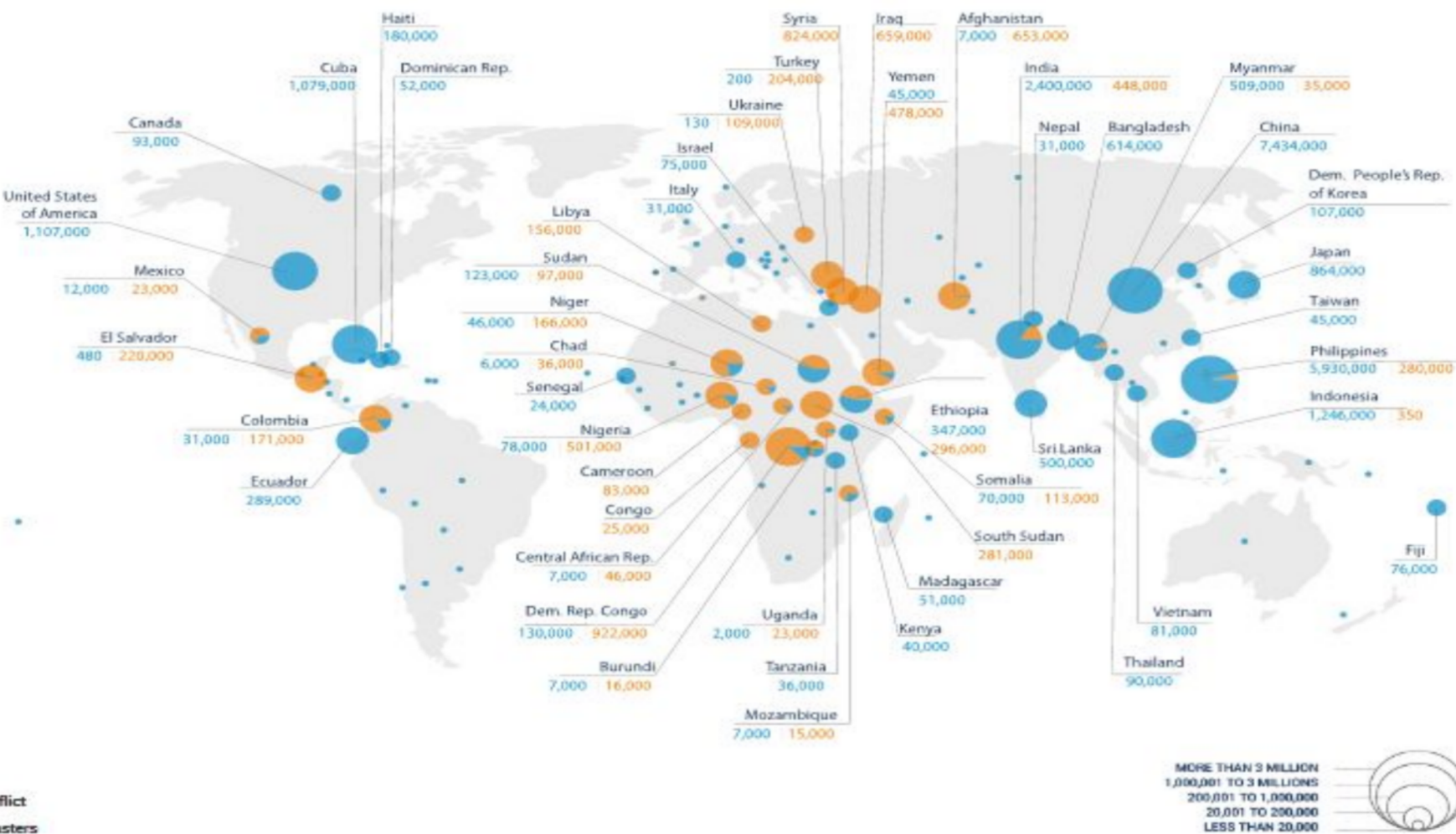




# New displacements by conflict and disasters in 2016

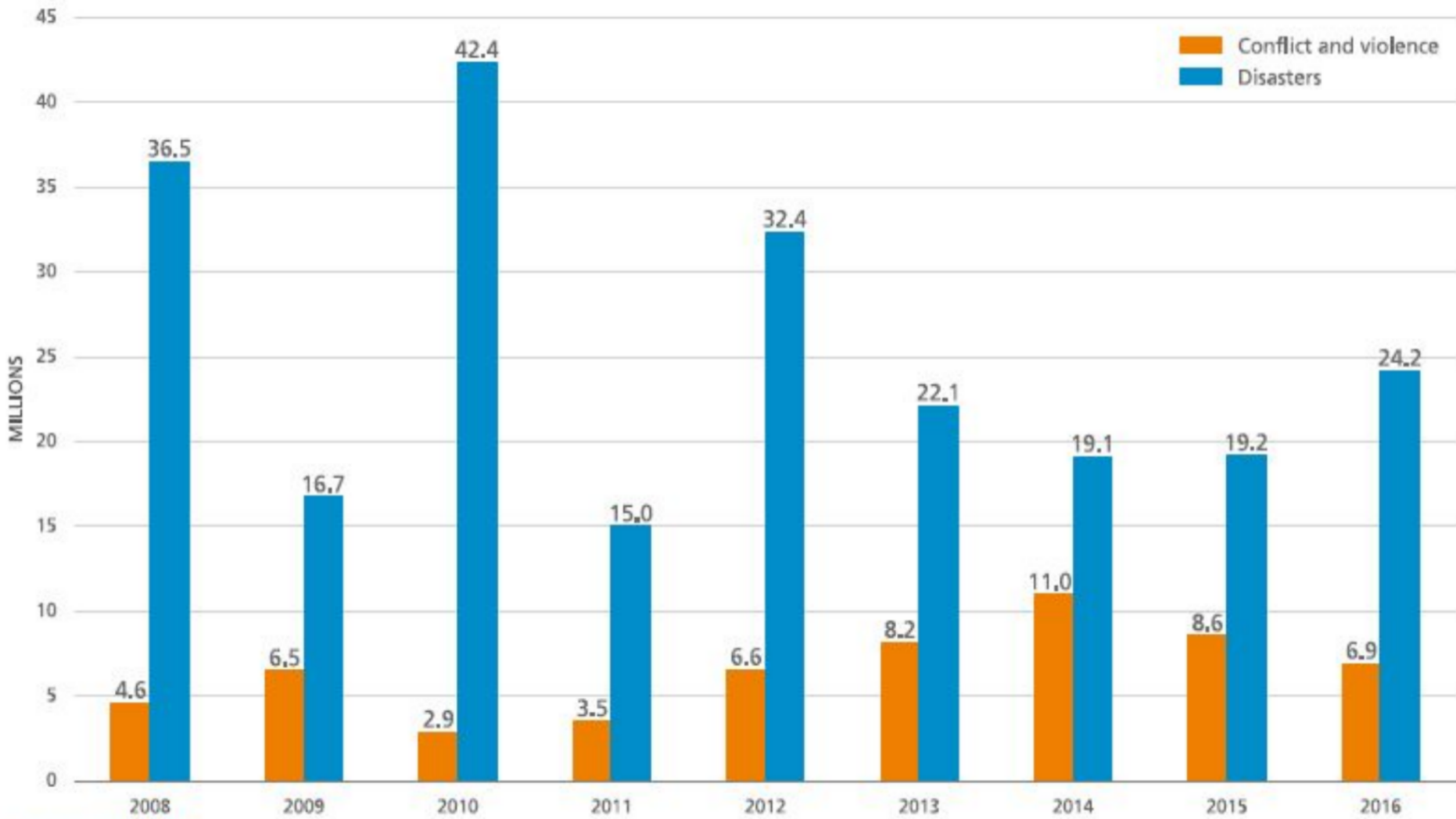
displacements by conflict and disasters in 2016

TWEET THIS MAP



Conflict  
Disasters

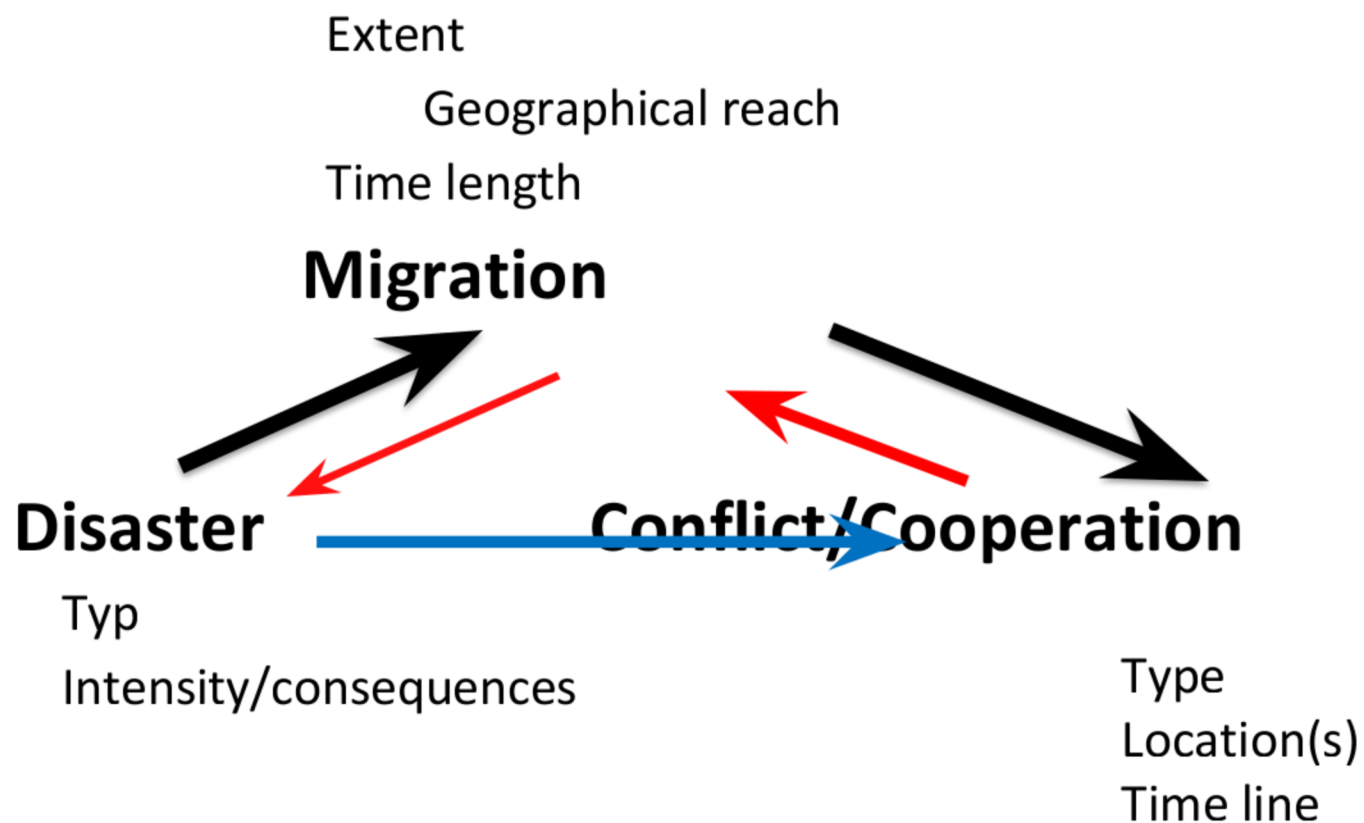
# New forced displacements per year since 2008



Source: IDMC

- Disasters as conflict drivers
  - Examples: Somalia drought 2011, India-Bangladesh
- Disasters as social unifiers
  - Example: Philippine (Mindanao) cyclones 2013-2015
- Disasters as transformation accelerators
  - Examples: Haiti 2004, Egypt 2011





- **Environmental disasters have only rarely initiated political violence.**
- **They more often, but still rarely, have fueled existing internal armed conflicts.**
- **Low—level political violence is rare but more likely to emerge than armed conflicts.**
- **Disasters have also sometimes facilitated the ending of armed conflict.**
- **Migration does not seem to independently exacerbate the likelihood that disasters are linked to violence but can aggravate/dampen conflicts in origin and destination regions because of its characteristics.**

- **State capacity and political system affect the relationship between disasters and violent conflict.**
- **There is limited evidence that scarcities, with migration as a contributing factor, are driving violent conflict. In addition, perceptions about distributional effects are important. Furthermore, extreme weather events can have translocal effects on the availability and prices of relevant goods, particularly food.**
- **Humanitarian assistance often shapes the availability of goods and services to both migrant and host populations and thus affects patterns of migration and resource scarcity and also interacts with conflict.**
- **Both the immediate disaster situation and post-disaster recovery can be conflict-prone.**

- **Pre-disaster levels of social cohesion and/or conflict**
- **Differences among and organisation of social groups (migrants and others)**
- **Distribution (and perceptions of distribution) of costs of disasters in relationship to existing (potentially migration-enhanced) conflict fault lines**
- **Effects of disasters (and induced migration) on distribution (and perceptions of distribution) of goods, services, revenues and wealth in and post disasters**
  - **Management of humanitarian assistance**
  - **Divisiveness of post-disaster recovery**