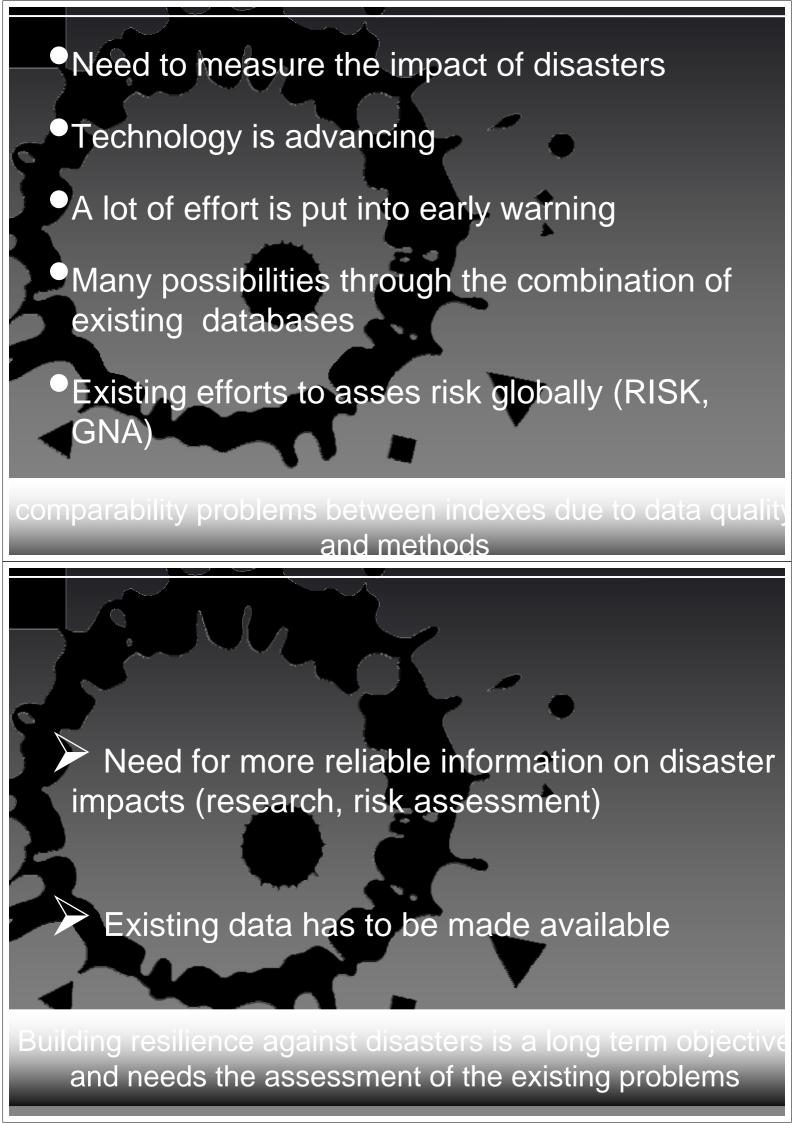
Developing a method to assess the human impact of disasters: initial findings for floods

José Rodriguez Llanes, Thomas Jakubicka

Introduction

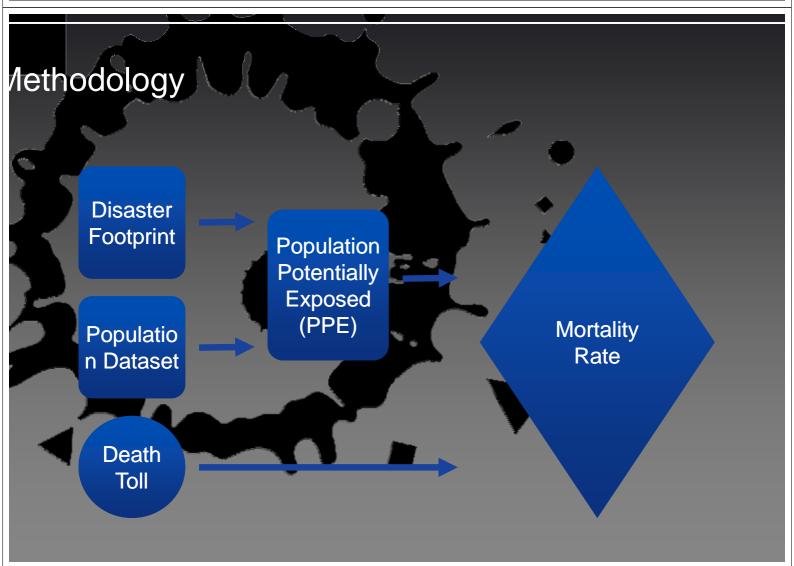
Methodology

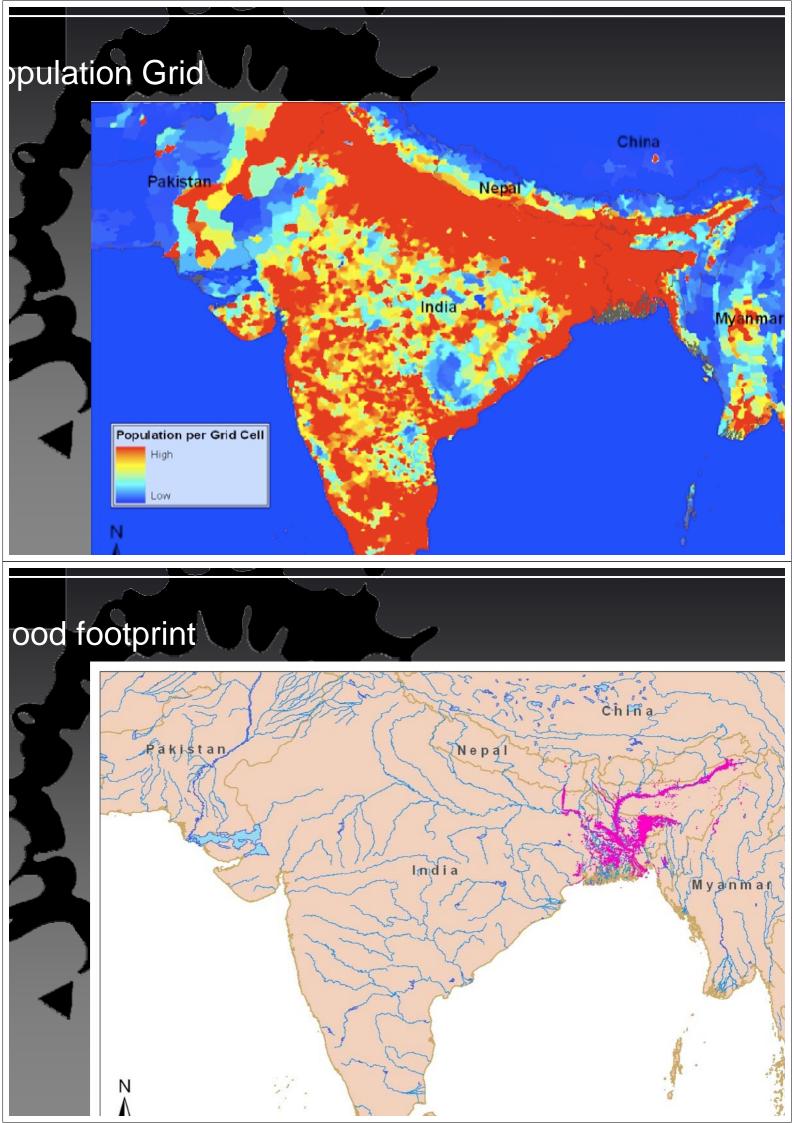
Results

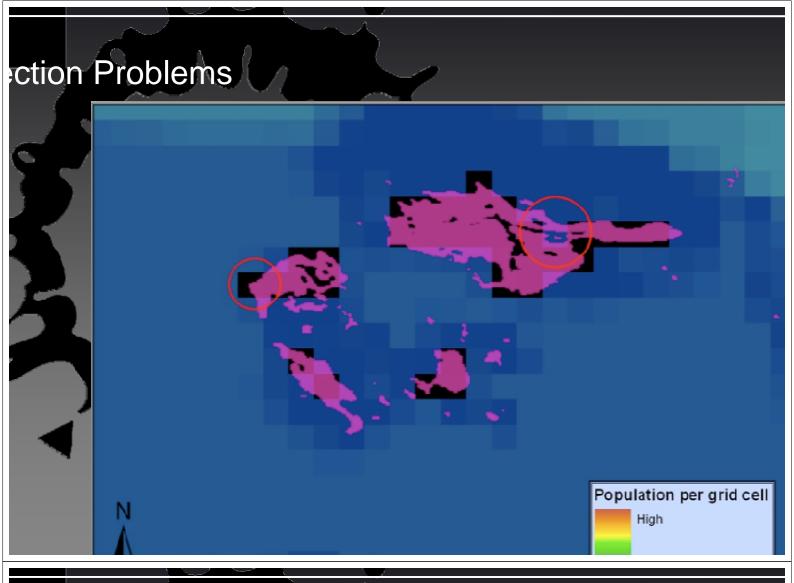


Datasets:

- Population dataset reference year 2005, 2,5 arc min, CIESIN
- DFO flood shapefiles
- EMDAT database





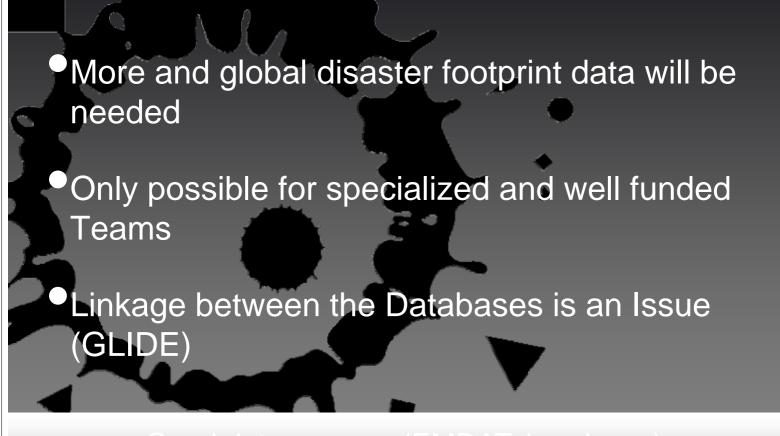


Possible Solutions:

- Landscan population grid
 - flood shapefiles that distinguish between permanently water covered and inundated areas

elected countries:

Country Name	Number of Floods	GDP pe	r capita (USI	D)
Algeria	44	•	4,588	
Australia	50		46,824	
India	225		1,017	
Kenya	34		838	
Zimbabwe	7		268	
sults:		,		
sults:				
sults: Glide#¶	Disaster subtype*	Associated disasters*	PPE	Death
	Disaster subtype*	Associated disasters* Landslide / Mudslide	PPE 98.846	Death 93
Glide#¶		<u>h</u>		
Glide#¶	Flash Flood	Landslide / Mudslide	98.846 33.201	93 17
Glide#¶	Flash Flood General Flood	Landslide / Mudslide Landslide / Mudslide	98.846 33.201	17



➡ footprints will provide new possibilities