



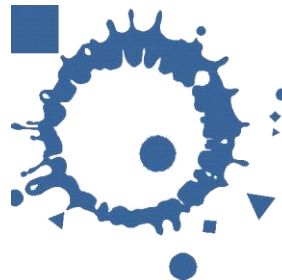
USAID
FROM THE AMERICAN PEOPLE



EM-DAT : Recent and planned products

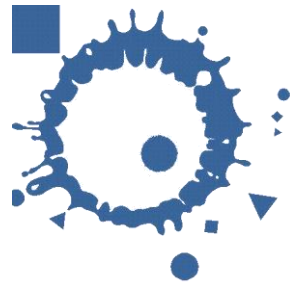
TAG Meeting, Brussels, 16-17 October 2019

Regina Below



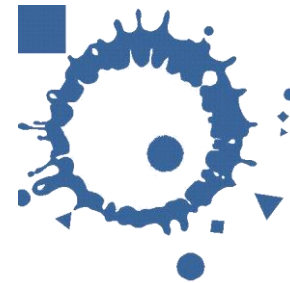
Centre for Research on the Epidemiology of Disasters

Publications in the last year (Oct 2018-Sep 2019)

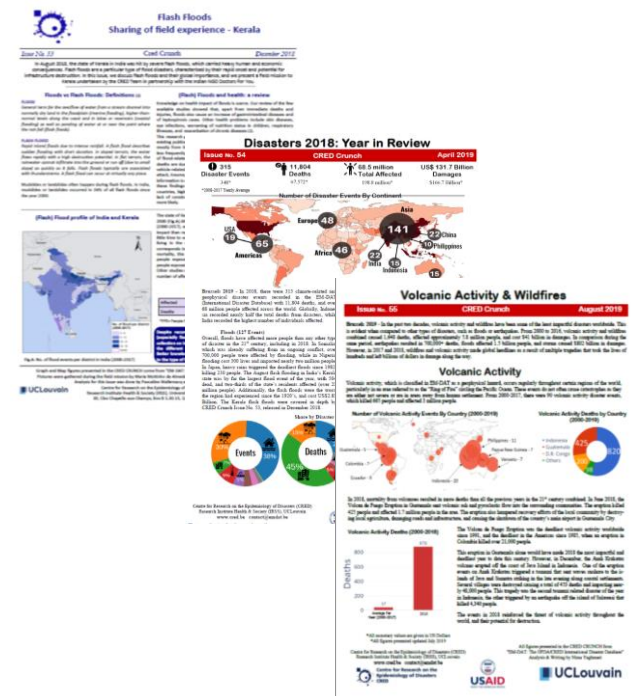


- **CRED Crunches**
 - **Scientific articles**
 - **CRED/UNISDR report**
 - **Natural disasters in number**
 - **Atlas (ongoing)**
 - **EM-DAT guidelines (under review)**
-

CRED Crunches - Newsletter



- 1) Flash floods in Kerala: sharing field experience (3005)
- 2) Disasters in 2018 (6169)
- 3) Volcanic activity and wildfires (1777)
- 4) Disasters in Africa (ongoing)





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journal homepage: www.elsevier.com/locate/wdp



Can we sustain success in reducing deaths to extreme weather in a hotter world?

Zia Mehrabi^{a,b,c}, Simon Donner^c, Patricia Rios^a, Debarati Guha-Sapir^d, Pedram Rowhani^e, Milind Kandlikar^{a,b}, Navin Ramankutty^{a,b}

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^c Department of Geography, University of British Columbia, Vancouver, BC V6T 1Z2, Canada
^d Department of Geography, University of British Columbia (CREO), Institute of Health and Society, Université catholique de Louvain, Brussels, Belgium
^e Centre for Research on the Epidemiology of Disasters (CREO), Institute of Health and Society, Université catholique de Louvain, Brussels, Belgium
^f Department of Geography, School of Global Studies, University of Sussex, Brighton, BN1 9SU, UK

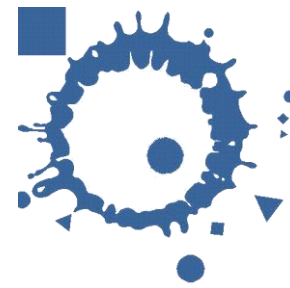
graphical profile of admitted hospital after the 2015

Joris Adriaan Frank van Loenhout^{a,1}, Sunil Singh Thapa^{a,2}, Schlüter^a, Ravikant Singh^a, Xavier Banse^a, Mahara^a, Debarati Guha-Sapir^a

^a Institute of Health and Society, Université catholique de Louvain, Brussels, Belgium
^b Department of Orthopedics, Institute of Medicine, Tribhuvan University, Kathmandu, Nepal
^c Tribhuvan University Teaching Hospital, Kathmandu, Nepal
^d Doctors For You, Mumbai, Maharashtra, India
^e Service d'orthopédie et traumatologie, Cliniques Universitaires Saint-Luc, Brussels, Belgium

ARTICLE INFO

ABSTRACT

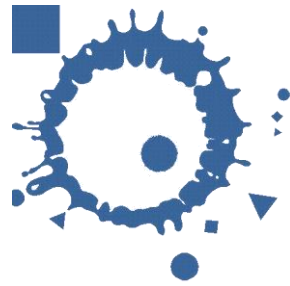


- Disaster Day, October 13 2018



- For the future : Agreement with UNISDR for standard products (Disaster Day, COP, Press Conference, etc ...)
- Large visibility (13,741 downloads)

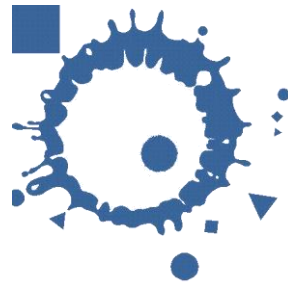
Natural disasters in Number



- Large visibility (8595 downloads)
- Info-graphic – less analytical
- All public



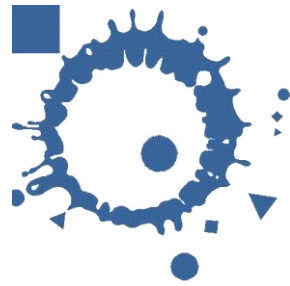
EM-DAT Atlas



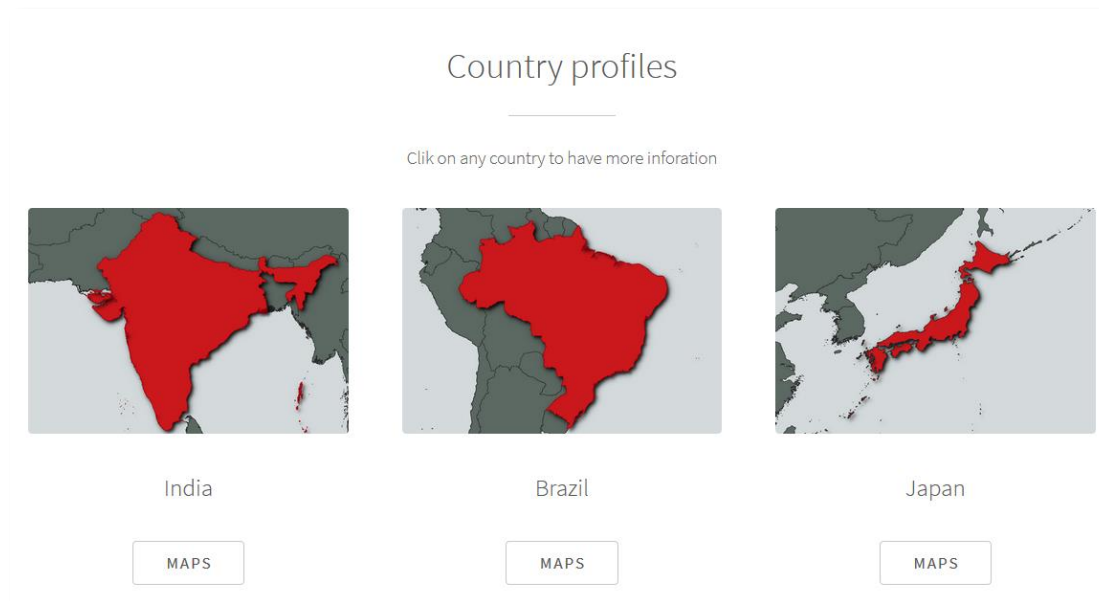
Goals of the project:

1. Give EM-DAT users a first overview of geo-referenced data
 2. Show different mapping possibilities for EM-DAT data
 3. Let users interact with the data (interactive maps)
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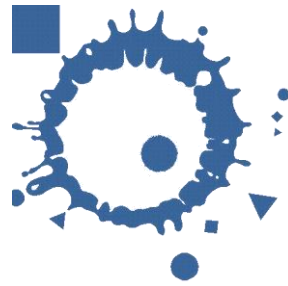
A website to access interactive maps



- The user selects a country to display different interactive maps
- +/- 10 different country profiles



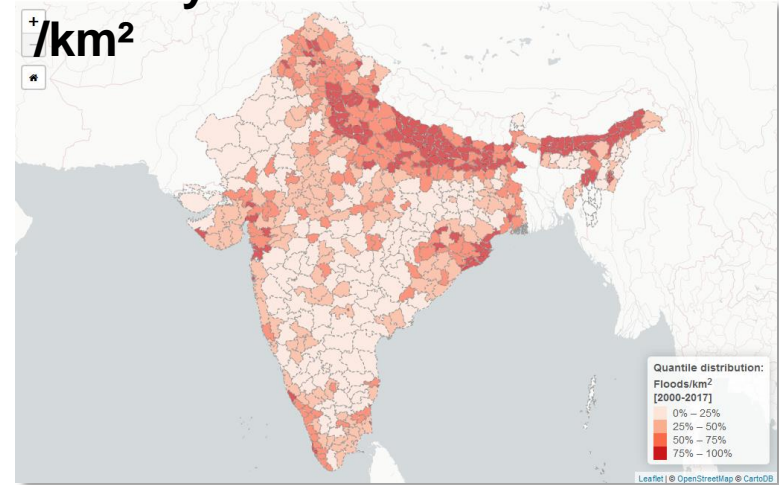
Different geo-referenced EM-DAT visualisations



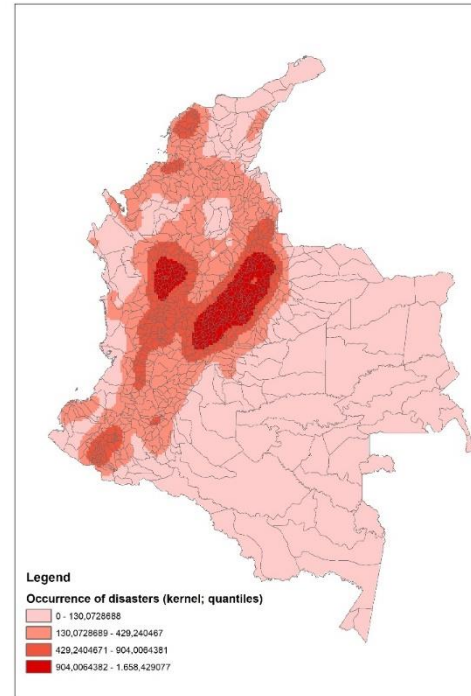
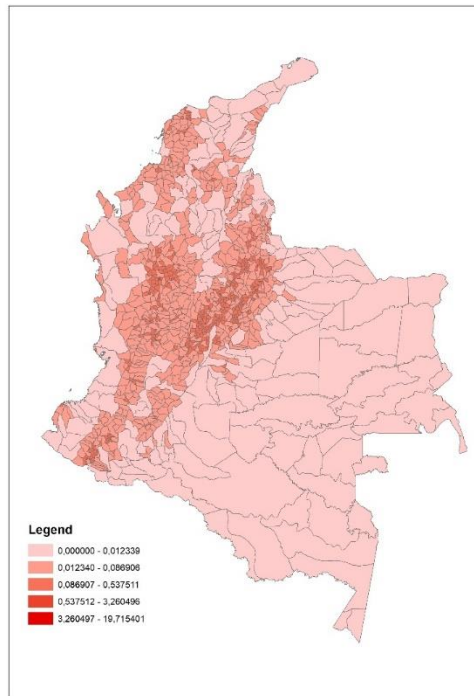
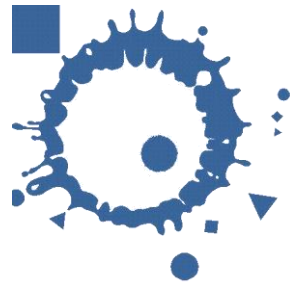
Grad symbol: number of disasters



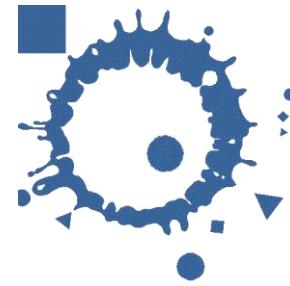
Density: number of disasters /km²



From grad symbol to kernel density estimation



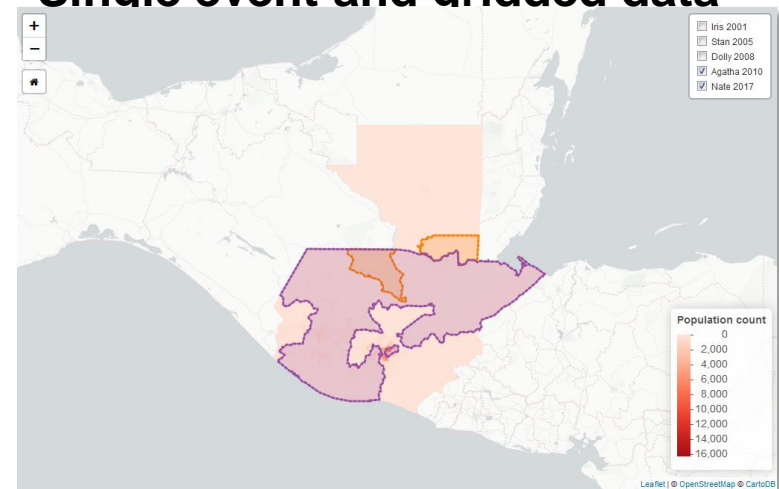
Other types of visualisation

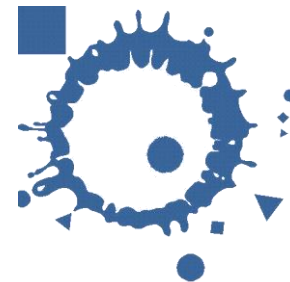


Single event



Single event and gridded data





Thank you

www.emdat.be
