



Faculty of Law



Disasters and the Law

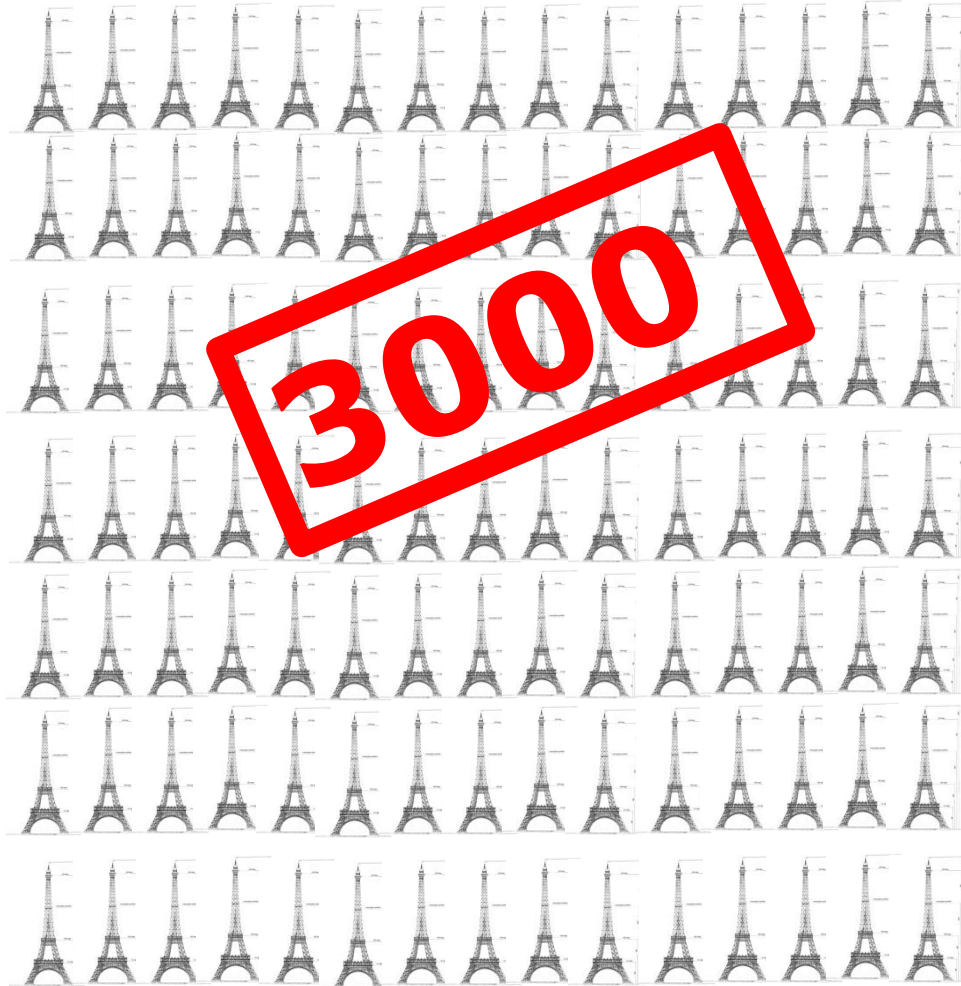
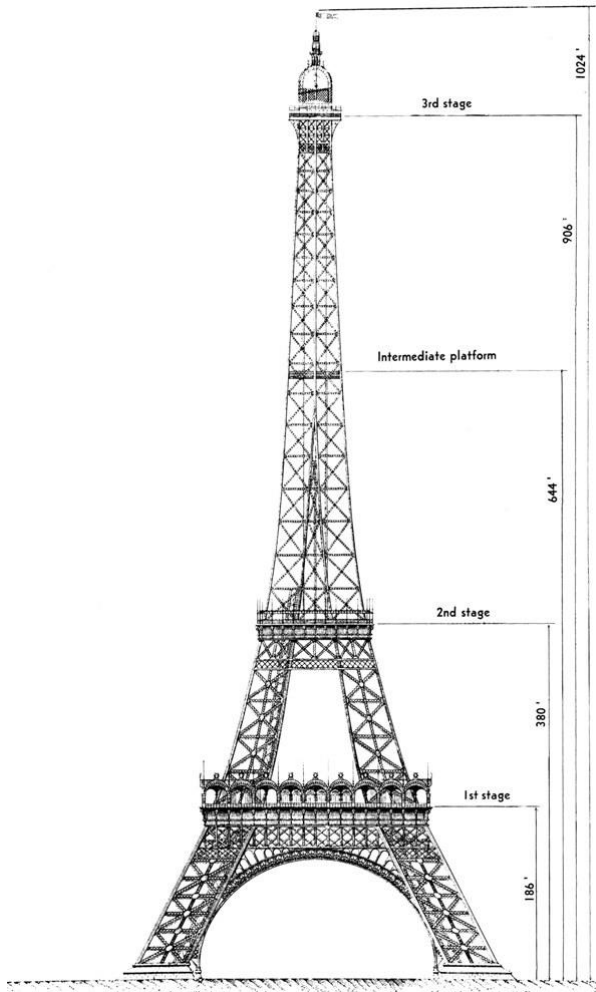
Presentation COST Dubrovnik

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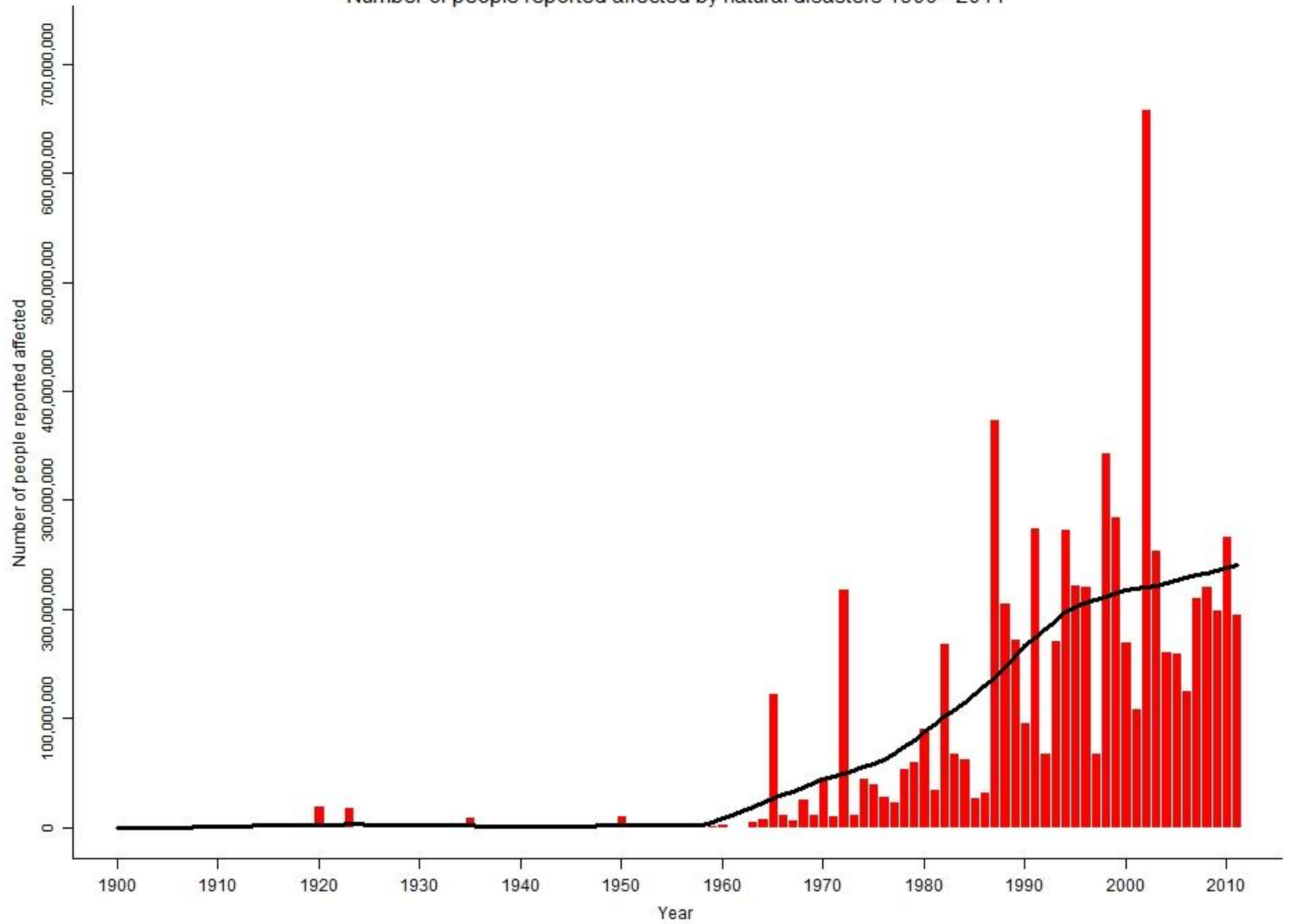
Copenhagen, March 2014
Dias 1



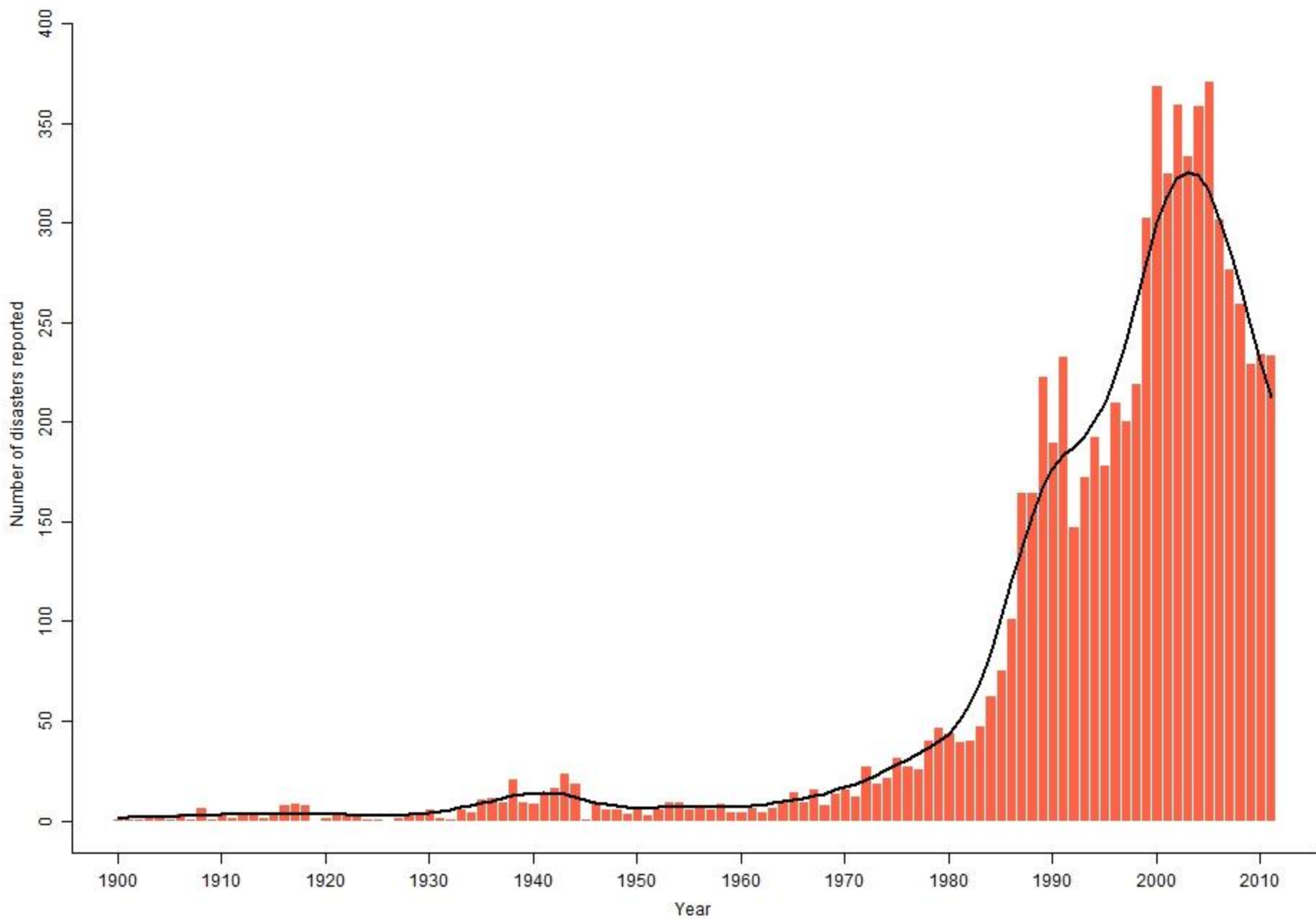
Proportions of Disaster Losses



Number of people reported affected by natural disasters 1900 - 2011



Technological disasters reported 1900 - 2011



Act of GOD



THEODICY

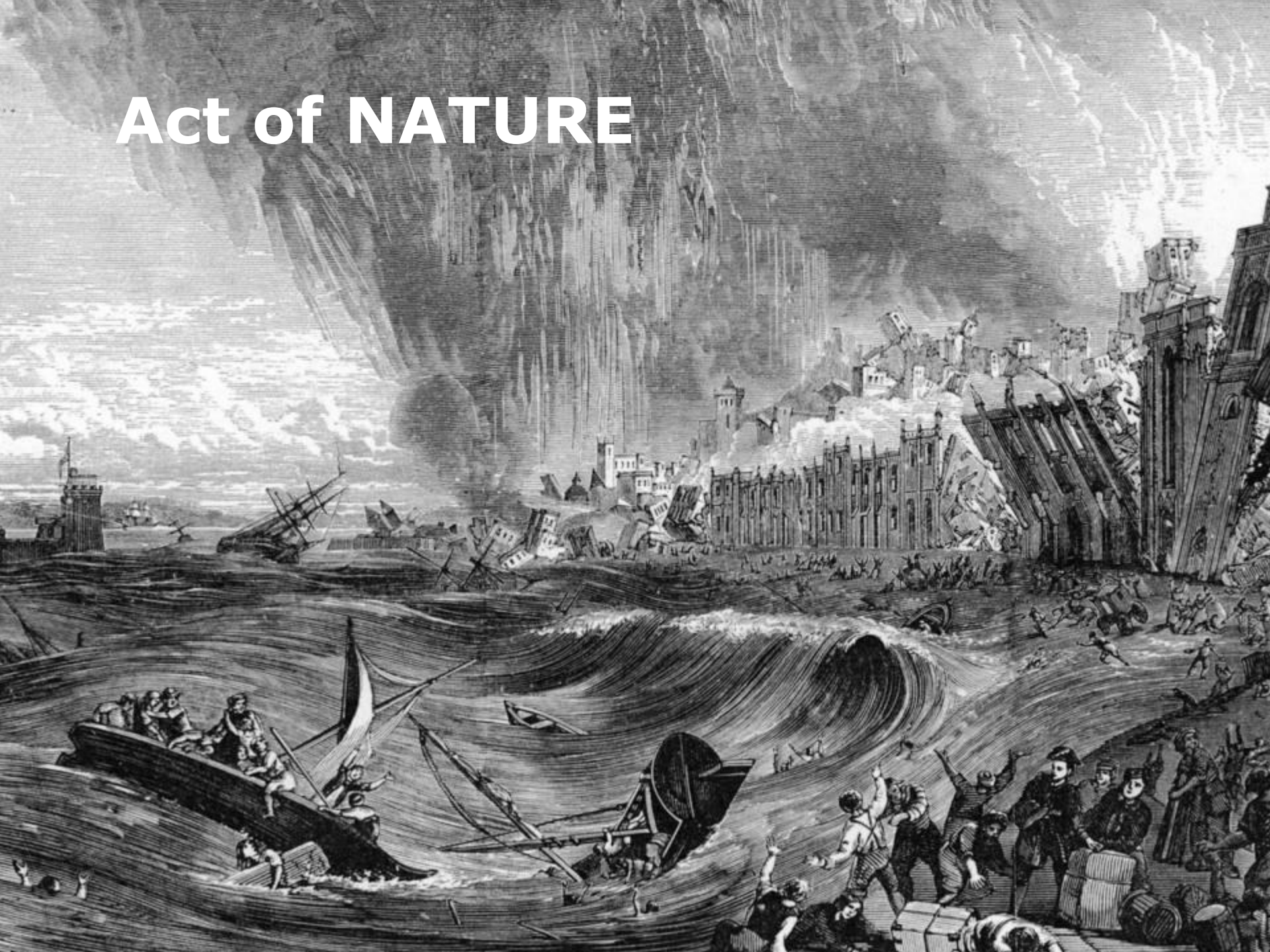
Theos + Dike
[GOD] [JUSTICE]



"All nature is but art, unknown to thee;
All change, direction which thou canst not see;
All discord, harmony not understood;
All partial evil, universal good.
And, in spite of pride, in erring reason spite,
One truth is clear, Whatever is, is right."



Act of NATURE



(...)

Deluded philosophers who cry, "All is well,"
Hasten, contemplate these frightful ruins,
This wreck, these shreds, these wretched ashes of the dead;
These women and children heaped on one another,
These scattered members under broken marble; (...)



At the frightful sight of their smoking ashes,
Will you say: "This is the result of eternal laws
Directing the acts of a free and good God!"
Will you say, in seeing this mass of victims:
"God is revenged, their death is the price for their
crimes?"
What crime, what error did these children,
Crushed and bloody on their mothers' breasts,
commit?
Did Lisbon, which is no more, have more vices
Than London and Paris immersed in their
pleasures?
Lisbon is destroyed, and they dance in Paris!





I do not see how one can search for the source of moral evil anywhere but in man.... Moreover ... the majority of our physical misfortunes are also our work. Without leaving your Lisbon subject, concede, for example, that it was hardly nature that there brought together twenty-thousand houses of six or seven stories.



Acts of MEN and WOMEN?

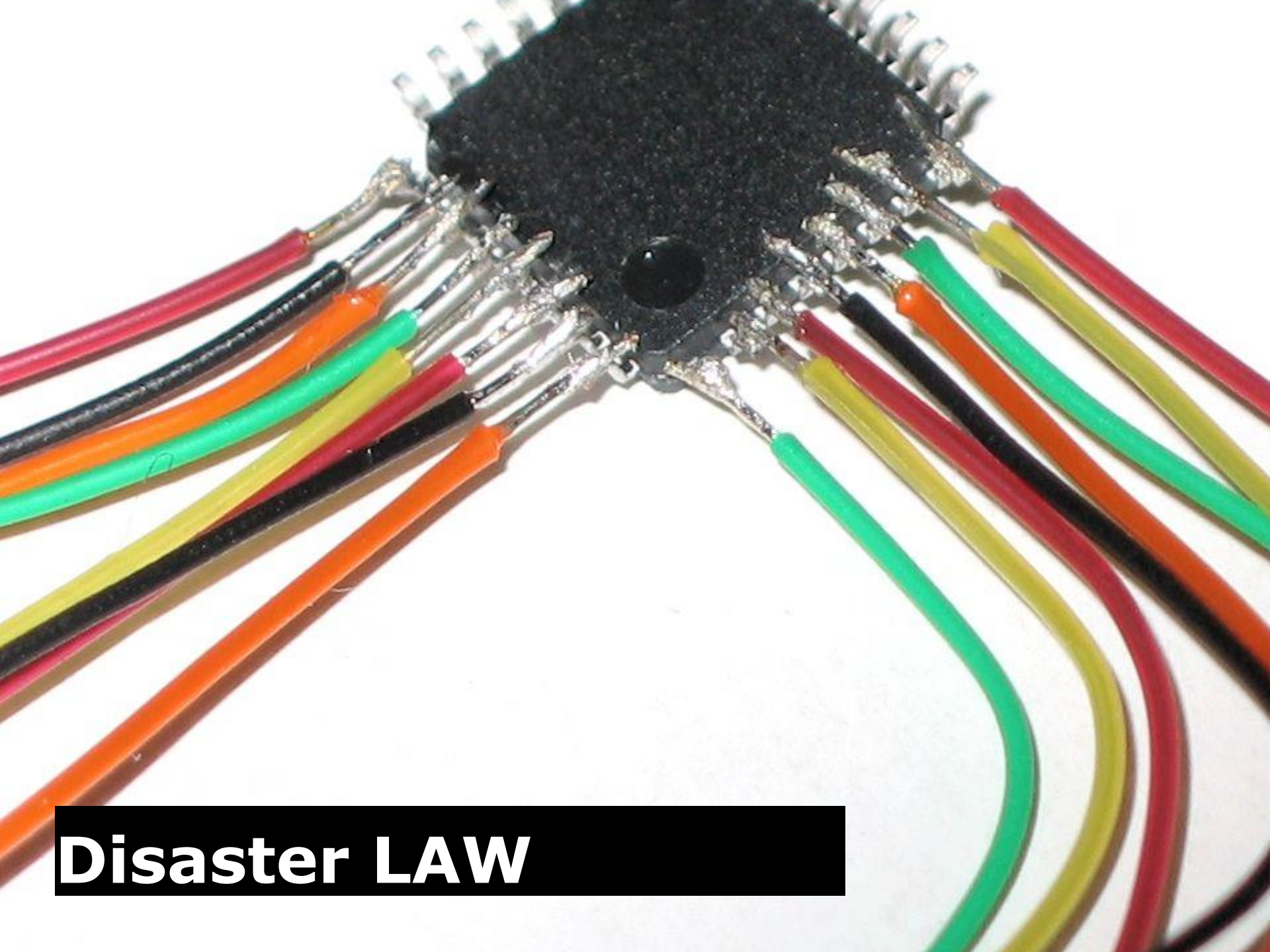


The Atacama desert

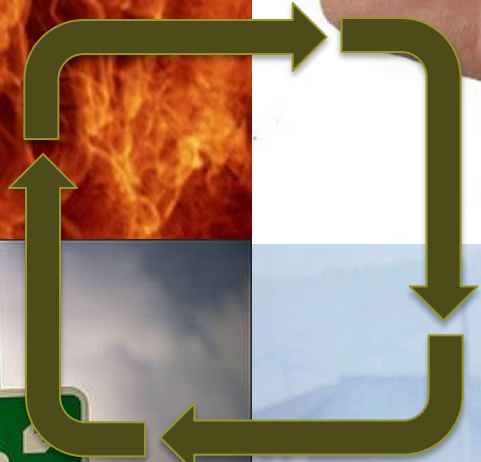








Disaster LAW



Disaster Prevention



Hurricane Katrina



>> It remains difficult to understand how government could respond so ineffectively to a disaster that was anticipated for years, and for which specific dire warnings had been issued for days.

The crisis was not only predictable, it was predicted.

If this is what happens after we have advance warning, we shudder to imagine the consequences when we do not.

Quote from U.S. House of Representative's Select Bi-Partisan Committee to Investigate the Preparation for and Response to Hurricane Katrina



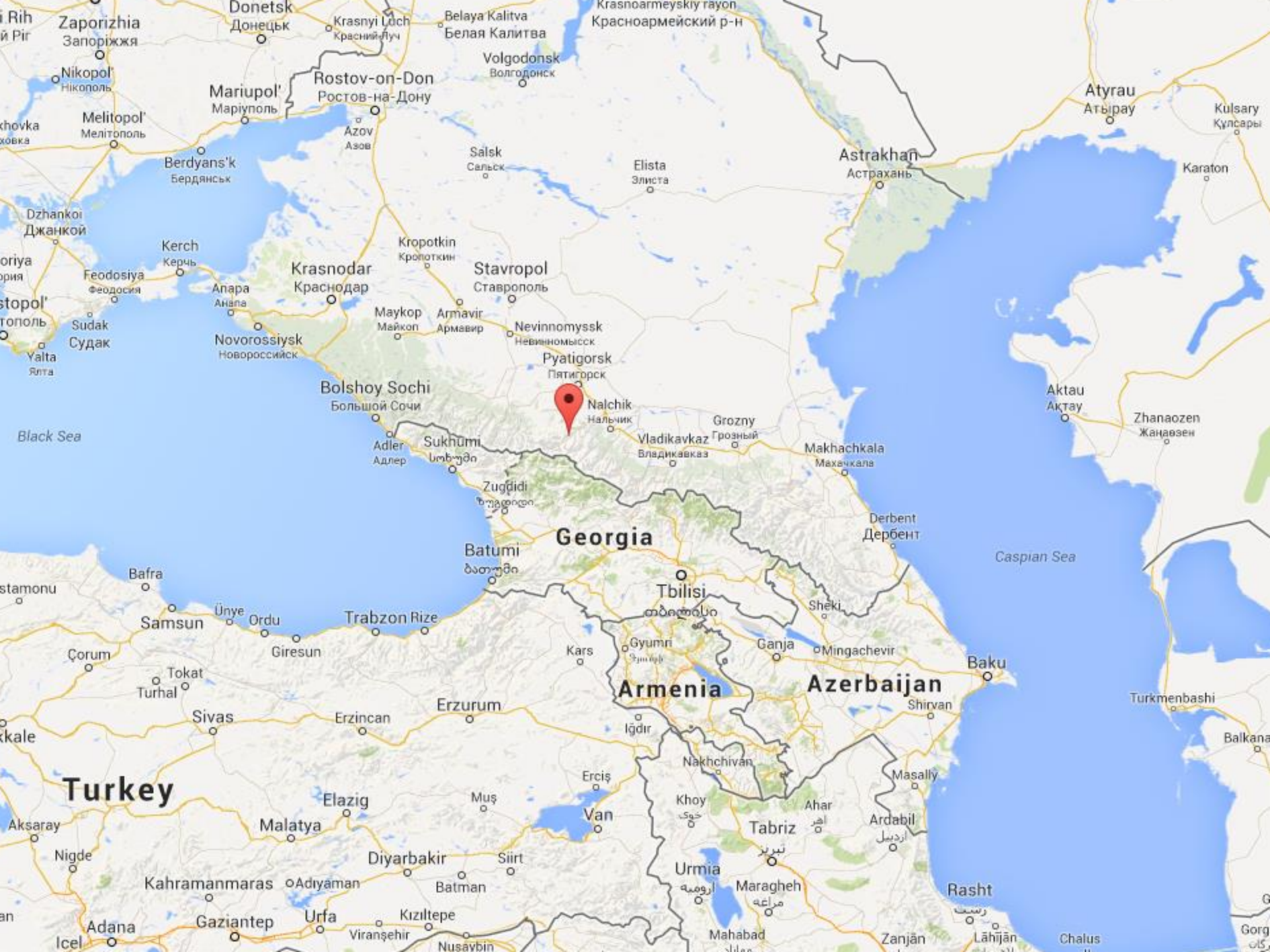
Disaster Management



The Dictatorship







Georgia

Armenia

Azerbaijan

Pyatigorsk
Пятигорск



Tbilisi
თბილისი

Yerevan
Երևան

Baku
Баку

Rostov-on-Don
Ростов-на-Дону

Stavropol
Ставрополь

Nalchik
Нальчик

Batumi
ბათუმი

Van
Վան

Tabriz
تبریز

Urmia
ارومیه

Astrakhan
Астрахань

Krasnodar
Краснодар

Novorossiysk
Новороссийск

Bolshoy Sochi
Большой Сочи

Vladikavkaz
Владикавказ

Derbent
Дербент

Ganja
گنجه

Iğdir

Erzurum

Van

Maragheh
مرغه

Mahabad
ماهاباد

Mariupol'
Маріуполь

Berdyans'k
Бердянськ

Kerch
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ზუგ



**Responsibility
for Disaster**



Force Majeure



PALAZZO

DEL GOVERNO

Disaster Justice?

Adaptation: Changing Disasters



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WORKSHOP: DISASTER LAW and JUSTICE.

Four trending (and hopefully relevant for some of your projects) aspects of law and disasters:

- 1.** Increased **institutionalization** of response and preventive efforts.
- 2.** Increased **responsibility** and liability for disaster professionals and others affected by disasters.
- 3.** Increased need for developing fair and transparent legislative instruments to allocate **disaster risks**.
- 4.** Increased **global relevance** of disasters.

