

Atlas of Emergency. Approaching methodologies for a rapidly changing environment.

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ARCHITECTURES OF EMERGENCY

«You know, they straightened out the Mississippi River in places, to make room for house and livable acreage. Occasionally the river floods these places. «Floods» is the word they use, but in fact it is not flooding; it is remembering. Remembering where it used to be...»
November 20, 1996.
Toni Morrison speaks at Charlotte Mecklenburg Library.

Community self-management spaces. Puerto Rico



La Casa Pueblo is a community self-management project committed to appreciating and protecting natural, cultural, and human resources.

Justice remediation landscape. Louisiana

The development of **community laboratories** in contaminated areas allows residents to identify contaminants and act accordingly.



Archiving the Emergency. Gowanus Canal. Brooklyn, NY

Gowanus Canal. Brooklyn, NY



In the face of environmental degradation and ecological transformations, the **archives** generate a constructive place while knitting the necessary relationships of community care.

The Atlas of Emergency

What we understand by emergency? How to identify these processes? How to draw them? Can we find cases in which *emergency conditions* have already been integrated into spatial practices? The Atlas is constituted of different information layers, at different scales, in a methodology of *diffraction and recomposition*. It retraces past, present, and future events in various entities such as rainfall intensities, coastlines devastated by tsunamis, rivers, agents, topographies, or materialities that overlap to create an *emergency orography* and with it a reading of events that modify our experience with the territory and develop vectors of action and relationship.

Evacuations routes of camellia trees. Shizugawa

Several **repair projects** have been carried out to mark **tsunami evacuation routes** by planting rows of **camellias** that have a special symbolism in local tradition.



Teahouses. Mianyang

The teahouse allowed during the reparation process to occupy a space to share information about projects, opportunities, funding, resources, and training. It also became the place to propose ideas and discuss collaborations



«Among the visitors of the beautiful coast, the Earthquake is one of the oldest and most influential... Had he, the architect of the mountains, not been active, there would have been no Santa Barbara, no California, indeed.» Willis, «A study of Santa Barbara Earthquake of June 29, 1925»

Legend.

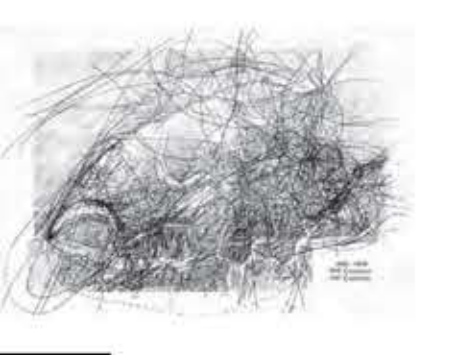
- EMERGENT PLATFORMS
- TSUNAMI WAVES, 2004 ACE TSUNAMI, 2010 CHILE TSUNAMI, 2011 TOHOKU TSUNAMI
- WILDFIRES
- TROPICAL CYCLONE FORMATIONS
- SUMMER MONSOON DIRECTIONS
- WINTER MONSOON DIRECTIONS
- MAIN VOLCANIC SITUATION
- CLOUD DISTRIBUTION VOLCANIC ERUPTIONS
- CLOUDS STORM FORMATIONS
- CUMULATIVE RAINFALL RECORDS
- MAIN RIVERS
- CYCLONE DIRECTIONS
- DROUGHT PRONE AREA
- FLOOD PRONE AREA
- DAMAGE OF EARTHQUAKES
- LOCATION OF SIGNIFICANT EARTHQUAKES
- CYCLONE PRONE AREAS
- COASTAL AREA PRONE TO TSUNAMIS

emergency categories

- LANDSLIDES
- EARTHQUAKE TSUNAMI
- MUD FLOW
- ERUPTION
- DROUGHTS
- FLOODS
- EXTREME TEMPERATURES
- TROPICAL CYCLONE
- EXTREME TEMPERATURES
- EARTHQUAKE TSUNAMI
- WILDFIRE
- EPIDEMICS
- MIGRANT CRISIS
- INFESTATIONS

Sentinel Architectures. Switzerland

Since about 1880 was initiated a national earthquake commission, and ordinary people took the lead in this process with the idea of locating epicenters through the **emotion resented** by the inhabitants.



Methodologies for a collective project. Italy

After the various earthquakes in Italy in 2016 and 2017, a research project was created divided with the organization of studies in **Research Networks** from different disciplines that intertwine to create a **critical recomposition** of the complex events of the emergency.

Sentinel Repertoire. Maasai and Karimojong

The **repertoire of actions** that are part of the **art of tracking, observation, hypothesis construction**, and systems of adaptation and habitat modification are part of constant interaction with the environment and everyday rituals.

Songs for disaster awareness. Bangladesh

Pot songs are used to **raise awareness** of social responsibility and disaster awareness. The song uses paintings depicting scenarios of ecosystem degradation and how communities can participate.



Sentinel Communities. Ciliwung River

The **Ciliwung Komunitas** are responsible for **monitoring river water levels**, organizing the **cleaning of the sewage system**, and **documenting and transmitting the state of the river**.



Sentinel Codes. Philippines

In Dagupan, **alarm codes** and sound patterns were agreed upon through participatory consultation developing an **art of tracking** closely linked to their identity and beliefs. These codes are part of the urban landscape.



for more information and possible collaborations please visit <https://go.epfl.ch/atlas-emergency>

