



TERRITORI APERTI

(OPEN TERRITORIES)

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<https://territoriaperti.univaq.it/>



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PROGETTO TERRITORI APERTI *(Open Territories Project)*

The Territori Aperti (Open Territories) project is the result of an idea shared by the Municipality of L'Aquila and the University of L'Aquila. It was activated thanks to **funding from the Territori Lavoro e Conoscenza (Work and Knowledge Territories) Fund**, which was activated through a subscription by workers registered with **CGIL, CISL and UIL trade union**.

It is an **interdisciplinary documentation, training and research centre**, which will act as a **promoter of an international network of expertise** on all aspects of the **prevention and management of natural disasters**, as well as the **processes of reconstruction and development of the affected areas**.

The name “Territori Aperti” intends to underline the idea that **its activities will be based on collaboration with other territorial systems exposed to the risks of natural disasters**, in a spirit of **social sharing of data**, analytical methods and skills generated by the project, according to the **Open Science approach** and the informed participation of citizens in political choices.

PROGETTO TERRITORI APERTI *(Open Territories Project)*



INFORMATIVE SYSTEM

Organic system for the collection and social sharing of information material.



TRAINING AND COMMUNICATION

Master for employees of administrations of municipalities of internal areas, graduates and doctoral students on post-disaster technical-administrative management within local authorities.



RESEARCH

Specialized center for locally available research expertise on different aspects of natural disasters.



TOOLKIT

Dynamic tool that provides recommendations to bodies, institutions and citizens, to improve disaster prevention, make post-disaster actions more effective and structured, improve the response to disasters, reduce critical issues at all stages and avoid errors already made.



INFORMATIVE SYSTEM

PROGETTO TERRITORI APERTI *(Open Territories Project)*

OPEN TERRITORIES CATALOG

External Open Data

In this area you will find the list of datasets from our partners or external sources



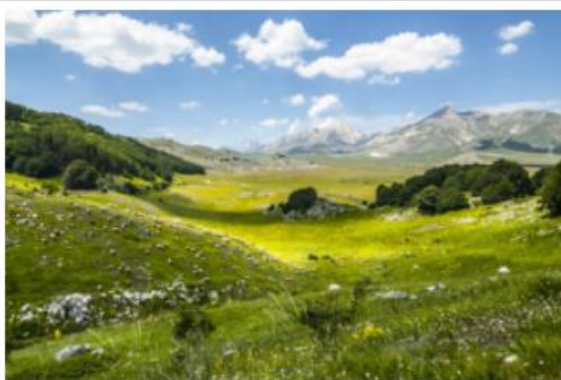
Data Reconstruction

In this area you will find links to Open Data related to various aspects of the rebuilding process.



Legal Data

In this area you will find links to regulations governing the rebuilding processes.



Geospatial data

In this area you will find links to geospatial Open Data on the areas affected by the earthquake.



Socio-economic data

In this area you will find links to Open Data relating to socio-economic aspects of reconstruction.



Health - Environmental Data

In this area you will find links to Open Data in the Environmental Health sector on various aspects of disasters.



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OPEN TERRITORIES CATALOG

Project Open Data

Welcome to the Territori Aperti Catalogue!

The Territori Aperti catalog contains a list of datasets and methods produced and developed for analysis activities such as those that use text mining and social media techniques, web analysis, social network analysis, visual analysis, human mobility analysis, data analysis social.

All products are accompanied by full descriptions that capture general attributes, e.g. title and creator (s); accessibility properties, e.g. their availability in virtual access; technical properties, e.g. size and format; legal and ethical attributes, e.g. if the dataset contains personal data; intellectual property, e.g. licenses.

In this area you will find the list of datasets produced and developed by Territori Aperti Project and those within the infrastructure of SoBigData (Social Mining & Big Data Ecosystem: a research infrastructure (RI) providing an integrated ecosystem for ethic-sensitive scientific discoveries and advanced applications of social data mining <http://project.sobigdata.eu/>)

Items Search

See All Items

See All Tags

Territori Aperti Catalogue statistics

393	3	18	15
items	organisations	groups	types

Browse by Organisations

SoBigData Catalogue (379)

Territori Aperti (14)

See All Organisation

Browse by Groups

City Of Citizens (58)

Ethics and Legality (41)

Societal Debates (39)

Explainable Machine Learning (38)

City Of Citizens (0)



INFORMATIVE SYSTEM



RESEARCH

PROGETTO TERRITORI APERTI *(Open Territories Project)*

Analyses



City Area

In this area you will find infographics and other analyzes created for you by Territori Aperti



Researcher Area

In this area you can access the Open Territories research platform where you can find data, advanced analysis methodologies and specific applications. All available resources are collected in English in a catalog accessible even without registration. To access and use the other resources, you must register for free on the platform. You can access the platform through the link:



INFORMATIVE SYSTEM



RESEARCH

PROGETTO TERRITORI APERTI *(Open Territories Project)*



City Area

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SARS_COV 2 IN FRAGILE AREAS



SARS_COV2 in Aree Fragili

il caso studio dei
crateri dei sismi
2009 - 2016/17

Gruppo di lavoro: Donato Di Ludovico, Chiara Capannolo,
Federico Eugeni



Caricamento del contenuto in corso...





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RESEARCH

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Home [Explore](#) [Catalogue](#) [Sign In](#)



TerritoriAperti | Gateway

Welcome to the Territori Aperti Gateway, the open research infrastructure of Territori Aperti.

TERRITORI APERTI GATEWAY

In the Researcher Area you can find the Territori Aperti gateway, the Open Research Infrastructure of the Project

Sign In

Register



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Welcome to the Territori Aperti Gateway, the open research infrastructure of Territori Aperti

Territori Aperti Catalogue

Insert keywords here

Search

See All Items

See All Types

- Method (107)
- Dataset (96)
- JournalArticle (75)
- TrainingMaterial (42)
- ConferencePaper (24)
- Experiment (19)

Exploratories

Disaster Recovery

Tools for monitoring, analysis and improvement of post-disaster reconstruction processes in socio-economic areas, spatial planning, environmental-health and cooperation processes between n ...

[Read More »](#)

Pandemic Recovery

The recent appearance of respiratory diseases caused by a new coronavirus, called SARS-CoV-2, represents a global public health challenge. Its rapid spread has prompted the international h ...

[Read More »](#)

Virtual Laboratories

TerritoriAperti Lab

TerritoriAperti Lab is a virtual laboratory where users can develop their algorithms on a Jupyter notebook environment (JupyterHub), import, integrate their methods (wr ...

[Read More »](#)

Applications

CO-GUARD

Remote monitoring system for quarantined people - COVID 19.

Only selected doctors have access to this application.

Enter in [CO-GUARD](#)

Donato's home

VRES

Name	Owner	Last modified
This folder is empty		

Show 5 entries

Previous Next

Showing 0 to 0 of 0 entries

Hackaton L'Aquila 2021

Hack@EO L'Aquila 2021

Hack@EO L'Aquila 2021 is a Data hackathon focused on understanding the effect of a natural disaster on the communities' social development. The underlying question is how data analysis can help make better choices in rebuilding a more sustainable city that takes care of citizens. Territori Aperti project promotes the hackathon in collaboration with the SoBigData++, University of L'Aquila, CETEMPS, CGIL, CISL, UIL, ESA (European Space Agency), the Italian Association for Artificial Intelligence and GMatics.

VRE open to consortium members only.



PROGETTO TERRITORI APERTI *(Open Territories Project)*

TRAINING AND COMMUNICATION

**1st level University Specializing-
Master course in **post-disaster
technical-administrative
management in local authorities****

1	◆	anno
60	◆	CFU
1500	◆	ore di impegno
388	◆	ore di lezioni frontali e di e-learning
125	◆	ore di tirocinio formativo
1	◆	prova scritta finale
Quota di iscrizione	◆	gratuita, a carico del progetto "Territori Aperti"
40	◆	numero massimo di partecipanti
15	◆	posti riservati alla PA

5 MODULES

1. TERRITORIAL KNOWLEDGE FRAMEWORKS (with GIS basics)
2. DISASTER LEGISLATION AND GOVERNANCE
3. RESPONSIBILITIES AND OFFICE OF DISASTER MANAGEMENT (UDM)
4. PRE AND POST-DISASTER PLANNING/PROGRAMMING
5. PHYSICAL AND SOCIAL RECONSTRUCTION OF THE CITY

Main themes of the Specializing-Master course

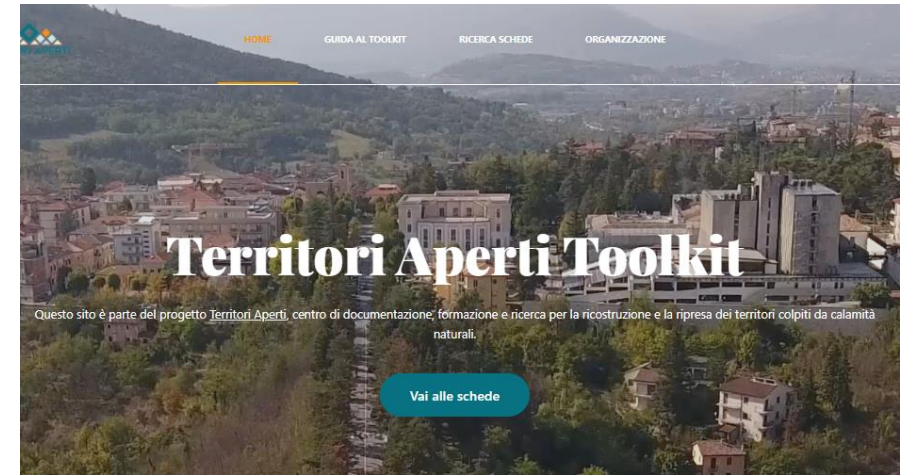
- *Emergency planning and management*
- *Design and implementation of emergency and temporary technical-construction solutions*
- *Organization of offices and responsibilities*
- *Computerization of reconstruction processes*
- *Creation and management of territorial information systems*
- *Legal-administrative aspects of the emergency and reconstruction*
- *Economy of reconstruction and recovery*
- *Contrast of abandonment and psycho-social issues*
- *Communication and participation in the emergency phase*
- *Forms of territorial cohesion*
- *Civil protection*



TOOLKIT

PROGETTO TERRITORI APERTI *(Open Territories Project)*

The **DISASTER PREPAREDNESS TOOLKIT** is a dynamic tool which, by capitalising on experience already gained, **aims to provide organisations, institutions and citizens with recommendations and procedures to improve disaster prevention, make post-disaster actions more effective and structured, improve disaster response, reduce criticality at all stages and, above all, avoid mistakes that have already been made.** The idea of the Toolkit stems from the need to have a **tool capable of mapping every critical aspect of disaster management**, selecting a series of good and bad practices in order to better manage similar situations in the future.



Toolkit Disaster Preparedness (successivamente chiamato semplicemente *Toolkit*), è uno strumento dinamico che, capitalizzando le esperienze già maturate, ha l'obiettivo di fornire raccomandazioni e procedure ad enti e istituzioni ma anche a cittadini, che permettano di migliorare la prevenzione dei disastri, di rendere più efficaci e strutturate le azioni post-disastro, di migliorare la risposta ai disastri, di ridurre le criticità in tutte le fasi e, soprattutto, di evitare errori già percorsi.

L'idea del Toolkit nasce dalla necessità di avere uno strumento in grado di mappare ogni aspetto critico nella gestione di un disastro, selezionando una serie di buone e cattive pratiche al fine di poter gestire al meglio in futuro eventuali situazioni analoghe.



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WORKSHOP PROGRAMME

**L'Aquila
Reconstruction: from
Urban and Territorial
Perspective to
Technological
Solutions**

**6 May 2022 at 10.00,
1G Room, Viale Nizza,
*Human Science Department***

Workshop Program:

- 10.00 **Welcoming**
Eliseo Clementini
- 10.15 **Overview L'Aquila Reconstruction**
Federico D'Ascanio
- 10.45 **Overview Territori Aperti Project**
Donato Di Ludovico
- 11.00 **IT Research Infrastructure of Territori Aperti**
Giordano D'Aloisio
- 11.30 **GIS Analysis of Territorial Fragility**
Chiara Capannolo / Federico Eugeni
- 12.00 **City and Land Information Modeling**
Federico Eugeni
- 12.30 **Discussion and conclusion**

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