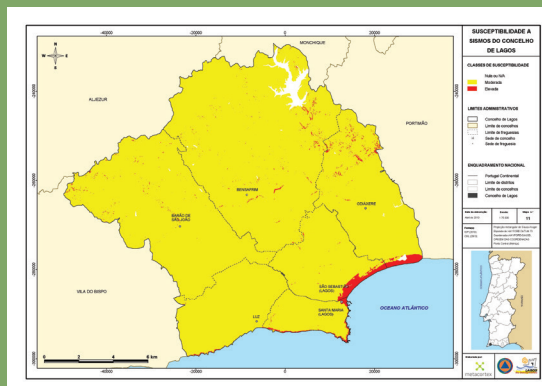
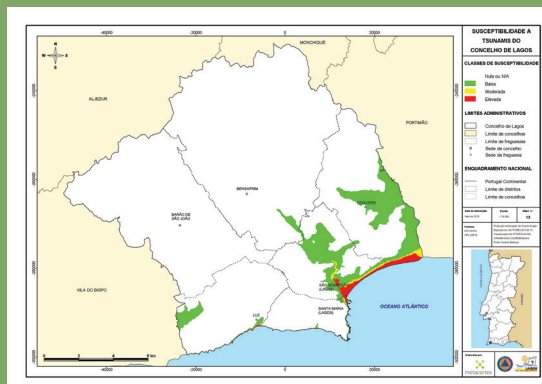


The Lagos Civil Protection and Emergency Plan has charted the highest risk areas in an earthquake and tsunami, showing the areas where the effects could be more serious:

Map showing areas susceptible to the effects of an earthquake



Map showing areas susceptible to flooding caused by a tsunami



The VULRESADA project was developed by CERU and CEPRIIS with the collaboration of Portuguese researchers associated with the Portuguese Dom Luiz Institute (Lisbon) and Moroccan researchers associated with CNRS. Its main objective was to analyse the risk of earthquakes and tsunamis along the Portuguese and Moroccan coasts, using Cascais, Lagos, Tangier and M'Diq as test cities. Numerical models were developed to show the generation and propagation of tsunamis, and flood maps were drawn up. Studies of social vulnerability, as well as the types of buildings in the historical areas of each place, were also carried out in order to estimate the resilience of the city and its population when faced with these potential risks. The formatting of the scientific knowledge of the risks for prevention purposes was developed in collaboration with the municipal civil protection services of the studied cities. These services have implemented educational projects and awareness among the general population.

The knowledge of the risks, as well as the prevention and protection measures to be implemented among the population, will decrease the vulnerability of the community and increase the resilience of the entire household population.

VULRESADA

MANAGEMENT OF COASTAL AREAS AT RISK OF EARTHQUAKES AND TSUNAMIS: SOCIO-ECONOMIC IMPACT. ASSESSMENT OF VULNERABILITY, RESILIENCE AND ADAPTATION OF THE CITIES OF CASCAIS AND LAGOS (PORTUGAL), TANGIER and M'DIQ (MOROCCO).

EARTHQUAKE AND TSUNAMI RISK

For more information go to:

www.prociv.pt
www.cm-lagos.pt (Serviços Municipais>Protecção Civil)

Partners



EARTHQUAKE AND TSUNAMI RISK

Although Lagos is located in a zone of weak seismic activity, it is where major earthquakes can occur. As is referred to in the **Lagos Civil Protection and Emergency Plan**, the risk of earthquakes and tsunamis are scenarios with the most devastating consequences for the town.

BEFORE AN EARTHQUAKE

Prepare your home

- Do not have furniture near corridors and outside doors, and move beds away from windows.
- Attach bookcases, furniture and plant pots to the walls.
- Place heavier items on the lower shelves of bookcases.

Prepare an emergency kit

Have a small backpack at home with a radio, torch, batteries, fire extinguisher, first aid kit, whistle, medicine, water, tinned food and warm clothes.

The backpack should be kept in a place that everyone knows about, including children.

In the event of a tsunami warning

Stay away from areas near the coast and go to high ground. If you are in a boat, go out to sea.

DURING AN EARTHQUAKE

These three actions can save lives

- Protect your head, neck and eyes with your arms and hands.
- Go down on your hands and knees, a position that prevents falls.
- Wait until the ground stops shaking.

If you are outside

Stay away from buildings, walls, electricity poles and trees. Go to a safe place, such as a square or an open space. Do not walk in the streets and only return home when the authorities advise this.

If you are inside a building

To protect yourself, go under a table, to the corner of a room or a doorway. Stay away from the middle of rooms, from windows, chimneys or bookcases. Do not rush to the exit and do not use lifts.

AFTER AN EARTHQUAKE

- Do not light matches or use cigarette lighters.
- Turn off the gas, water and electricity.
- Clean up spills of flammable products.
- Avoid any contact with glass, electric cables and metal objects.
- Leave your home if it has been severely damaged.
- Do not use the telephone, except in cases of extreme emergency.
- Turn on the radio and stay informed.

PLACES YOU SHOULD GO TO AFTER AN EARTHQUAKE

- | | |
|--|----|
| Alegria (or Moinho) Square, Odeáxere | 1 |
| Chinicato Multi-Sport Centre | 2 |
| Sargaçal Primary School | 3 |
| Portelas Multi-Sport Centre | 4 |
| Bensafrim Market | 5 |
| Barão de S. João Multi-Sport Centre | 6 |
| Espiche Multi-Sport Centre | 7 |
| Almádena Multi-Sport Centre | 8 |
| Luz Multi-Sport Centre | 9 |
| Lagos Health Centre | 10 |
| Júlio Dantas Secondary School Pavilion | 11 |

