



Urgence séisme Grand Sud Haïti

REPORT #1 ON THE IMPLEMENTATION OF QUISQUEYA UNIVERSITY'S RESPONSE TO THE EARTHQUAKE



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ON THE IMPLEMENTATION
OF QUISQUEYA UNIVERSITY'S
RESPONSE TO THE EARTHQUAKE



Haiti – Earthquake

SEPTEMBER 4TH, 2021

Timeline Highlights

- August 14, 2021** At 8:29 am, a magnitude 7.2 earthquake struck 3 departments on Haiti's southern coast, namely Nippes, South and Grand'Anse. This earthquake took place near Petit-Trou des Nippes and at a depth of 10 kilometers. The whole country felt the tremors.
- August 16, 2021** The risk of flooding and landslides increased after tropical storm Grace hit Haiti less than 2 days after the earthquake.
- August 17, 2021** The Government declared a state of emergency for one month and 3 days of national mourning.
- August 18, 2021** TNC released a third report following the aftershocks that highlights the most affected regions and communal sections.
- August 20, 2021** Second meeting of the task force and committees before deployment on the ground in connection with the TNC network which is represented at the departmental, communal and communal sections levels for a project of local roadmaps.
- August 24, 2021** 4 delegations from Quisqueya University were deployed on the ground.
- September 1st, 2021** Third meeting of the task force and committees after returning from their first missions. Report. Brainstorming on what to do next.
- September 3rd, 2021**

KEY FIGURES



2 207
killed



12 268
injured



320
missing



52 953
destroyed



77 006 damaged
Administrative and heritage buildings, businesses, schools, places of worship, hotels and 25 health facilities seriously damaged

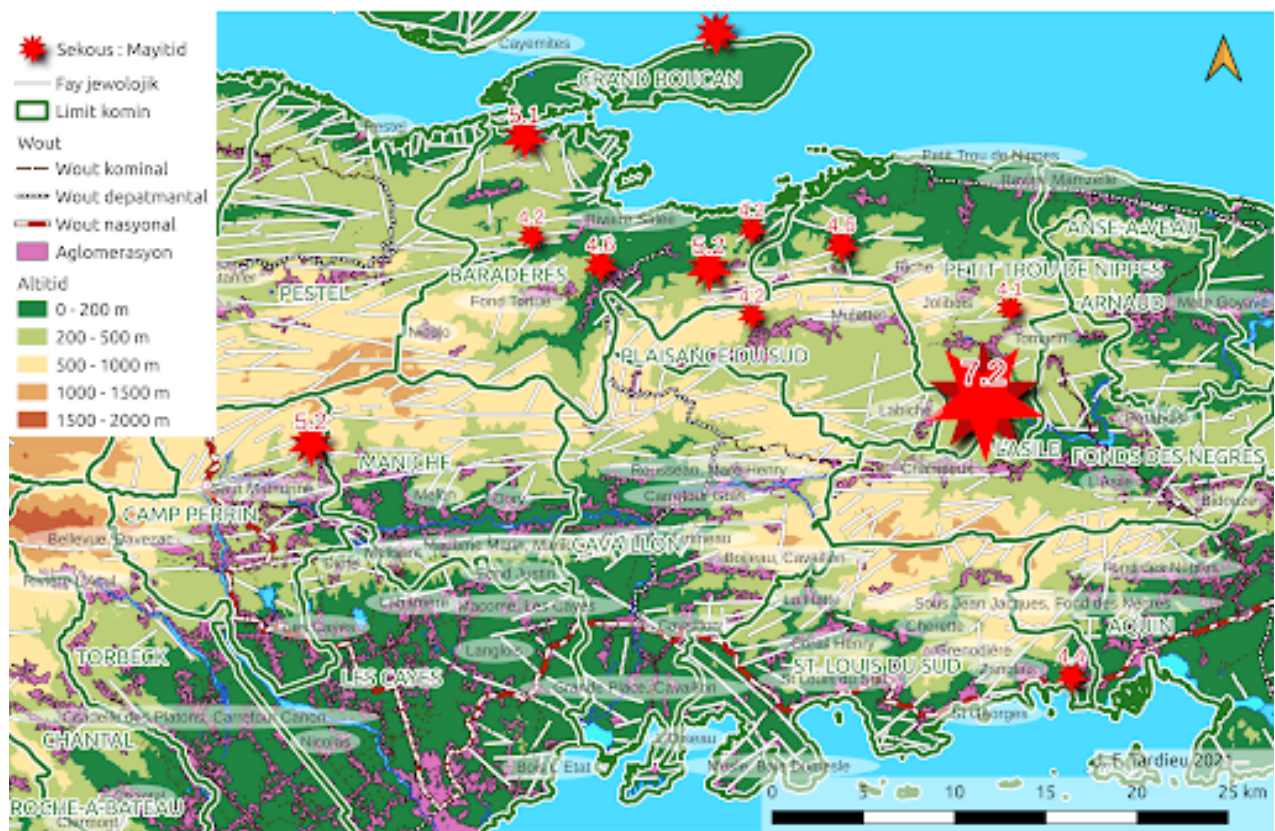


1 185 735
Live in affected areas
(83 communal sections in Sid/Nip/Grandans)



600
aftershocks recorded

Earthquakes of magnitude > 2.5 between 8:24 am and 2:12 pm, August 14, 2021.

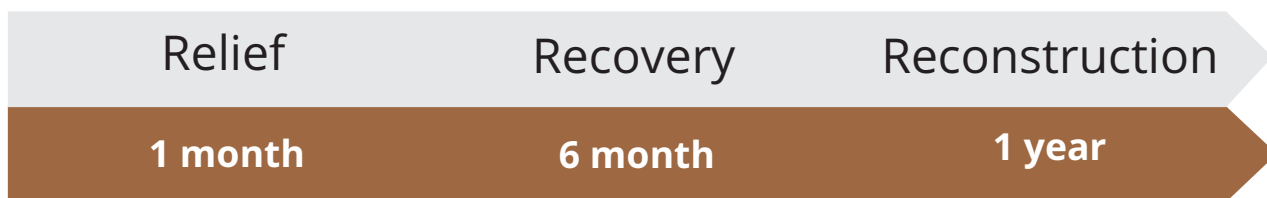


Source USGS

UniQ Strategy

3-phase strategy

In this context, Quisqueya University has, since the earthquake of January 12, 2010 that completely destroyed its campus, a familiar experience in each of the 3 phases that characterize any post-earthquake period.



5 areas of intervention

In response to the earthquake of August 14, 2021, Quisqueya University has decided to act in 5 specific areas that fall within its competence and to share its experience in each of the three aforementioned phases. Each area is managed by a committee in charge of the programming of concrete actions, monitoring and evaluation.



Health



Education



Infrastructure,
earthquake
resistant component



Culture
and conservation



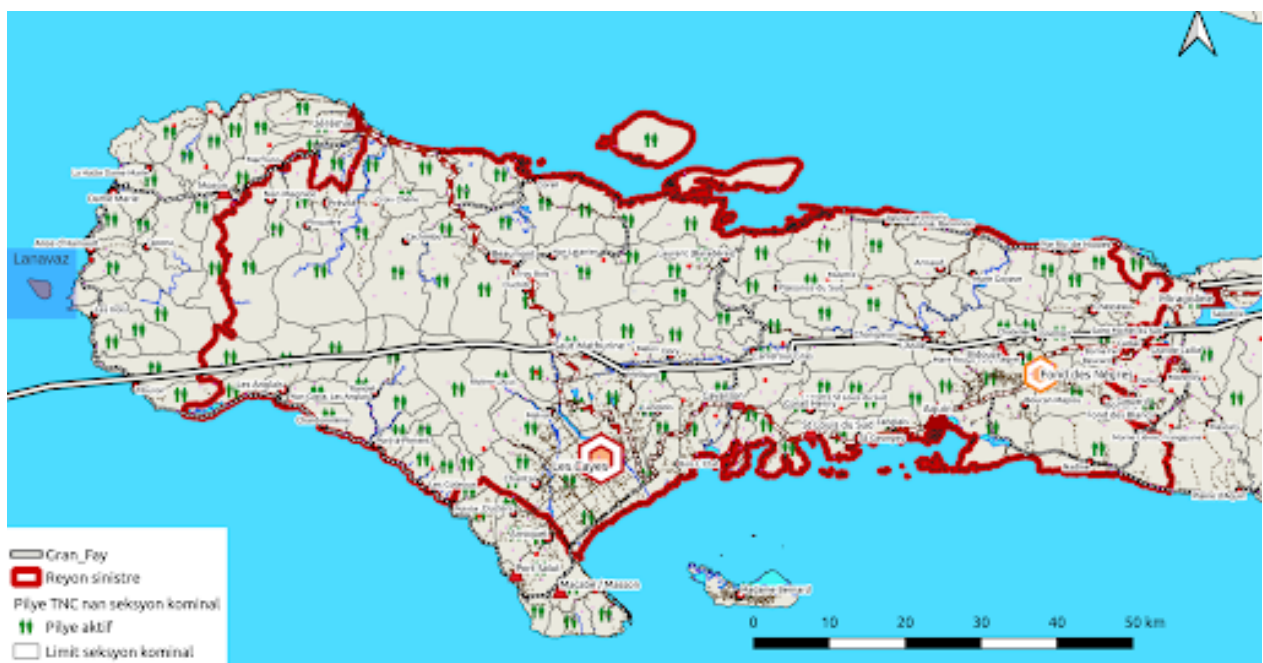
"Consolidation
of local productive
capacities"

TNC local network support and roadmaps

TNC (Trase Nouvo Chimen) is a social project led by UniQ, which has representation in the departments, communes and communal sections and which produces local roadmaps. The initiative post-earthquake relies on both the roadmaps of the affected regions and the local human resources network of TNC.

Map of the TNC network in the Great South showing the representatives (pillars)

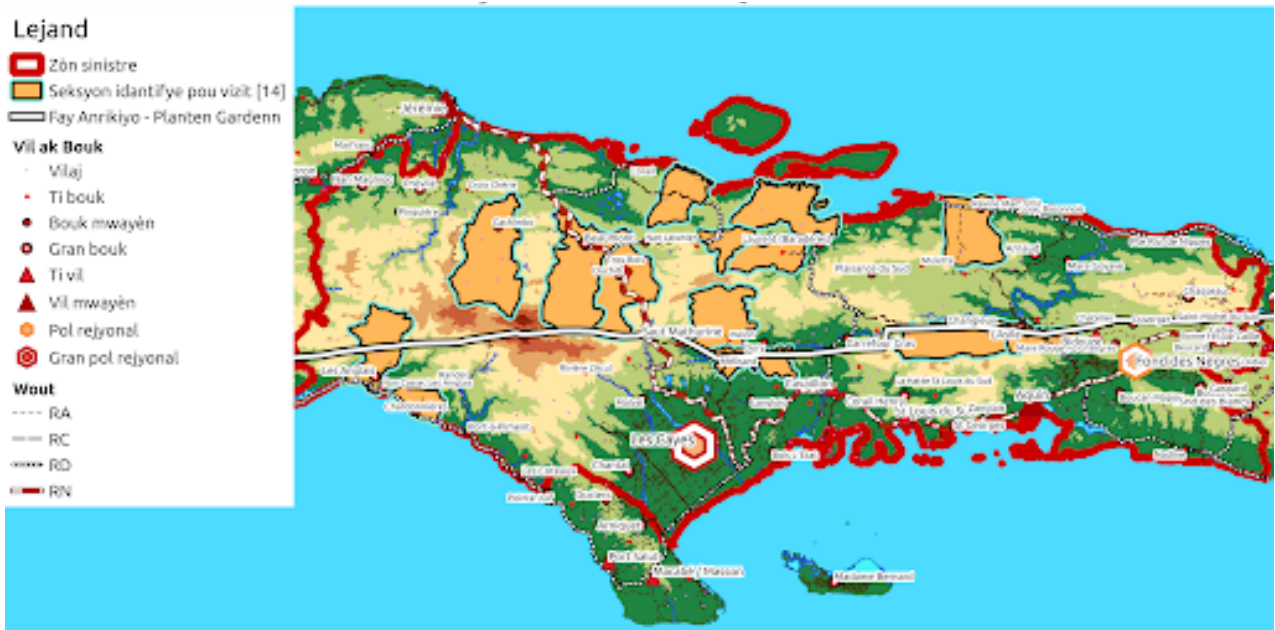
TNC AN NOU TRASE
YON NOUVO CHIMEN
POU AYITI



UniQ's response on the ground

Map identifying the critical communal sections for UniQ interventions

TNC AN NOU TRASE
YON NOUVO CHIMEN
POU AYITI



Provision of Quisqueya University

- TNC project UniQ's experts and connection with the network on the ground to help and guide the delegations
- volunteers staff, experts and students
- the vehicle fleet,
- premises for collecting materials, conducting blood drive
- call for contributions on UniQ's website and through the United Front of the Haitian diaspora by other partners like HLN and observers on social media



Locations of UniQ missions from August 24 to September 1st



Mission : The “Rescue of Cultural Property”

The Cultural delegation composed mainly of specialists-curators from the Center for the Conservation of Cultural Property (CCC-UniQ) and the Director of the University’s Library (BUniQ) has benefited from a small fund from the Smithsonian Institute.

Objectives : Mapping out damaged property (Churches, Vodou Temples, Monuments, Library) and secure the property in question whenever possible.

Materials transported

Boxes / plastic bags / liners

Deployed in the field from August 24 to August 28.

Based in the city of Les Cayes, strategic for their fields of intervention.



Categories of cultural properties affected

1. Catholic churches

Objects of worship, decorations, architectural elements

2. Protestant churches

Objects of worship, decorations, architectural elements

3. Vodou temples and Rara band

headquarters Objects of worship, musical instruments, costumes, installations

4. Libraries and archives

5. Workshops of artists and craftsmen

6. Art galleries

Painting, sculpture, cut metal, etc.

7. Collection of institutional, historical or literary archives.



Église Sacré-Cœur des Cayes



CCC-UniQ has helped in the recovery of objects of worship in the badly damaged Sacred Heart Church of Les Cayes

Places of intervention of the mission

Bibliothèque de l'IPDEC
Évêché des Cayes
Presbytère de la Cathédrale des Cayes
Calvaire de la Cathédrale des Cayes
Coin d'Art des Cayes
CPS Art des Cayes
1ère Eglise Baptiste des Cayes - MESBH
Sacré Coeur des Cayes
Lakou towo milèt de Marceline Yolande Vital
Lakou Severine Boukan Sovo Rolin
Chapelle Saint-Eugène de Mazenode
Eglise Sainte-Anne de Camp-Perrin
Bibliothèque Ecole Marina

Mairie Cavaillon
Lakou Anperè François
Lakou rasin rasin
Lakou Manzè Mena
Tamp vizyon ougan
Lakou KSB (komite sosye de baz)
Eglise la Nativité de petit trou de Nippes
Lakou Gran moun pa jwe
Lycée Boisrond Tonnerre d'Anse à Veau
Eglise Sainte-Anne d'Anse à Veau
Bibliothèque municipale de l'Anse-à-Veau
Ancienne maison de Sudre Dartiguenave
Eglise Baptiste MEBSH de l'Anse-a-Veau



Collapsed Vodou temple

Ougan or Manbo's name :

Lakou Towo milèt

Manbo Yolande Jeanne Vital died under the rubble

Localisation :

Camp-Perrin

Damages cultural properties :

Objects of worship, musical instruments, costumes, installations (Badji, kay lwa, etc.)



Costumes of Rara Band, flags, and musical instruments

Libraries and archives

Books, maps, institutional, historical and literary archives

IPDEC Library in the City of Les Cayes



City Library in Saint Louis du Sud



CCC-UniQ is helping in the recovery of more than 10 000 books from the collection



Temporary storage for IPDEC Library

CCC-UniQ is working with local volunteers, is helping in the recovery of more than 5 000 books from the collection



Monuments

Solemn tribute to Jésus Christ Rédempteur



Guidelines for the Action Plan

Establish a Cultural Recovery Center in Les Cayes as an annex to CCC : Training, Recovery, Storage and Restoration.

Actions to be taken

5 special recovery projects

	Recovery projects	Beneficiary	Actions to be taken
1	Institutional archives and objects of worship	135 collapsed and 111 damaged Catholic Churches	Training, cleaning, inventory, stabilization, storage space, shelves. Traveling exhibition.
2	Rara Band costumes and objects of worship	97 collapsed and 50 damaged vodou temples	Training, cleaning, inventory, stabilization, storage space, shelves. Traveling exhibition.
3	Institutional archives and objects of worship	68 collapsed and damaged Protestant Churches	Training, cleaning, inventory, stabilization, storage space, shelves. Traveling exhibition.
4	Book collections, institutional, historical and literary archives.	15 Libraries, +500 collapsed schools and private collection owners.	Training, cleaning, inventory, stabilization, storage space, shelves. Donations of books.
5	Artworks, Decorative and formal elements of vernacular and institutional architecture.	Owners, craftsmen and technicians.	Training, inventory, support for craftsmen's workshops, Storage space, Shelves. Traveling exhibition.

Mission : "Infrastructure, earthquake resistant component"

The delegation is composed of engineers and architects, professors, graduate students from Quisqueya's Faculty of Engineering and Architecture and drivers. 11 members in 2 teams.

Objectives : initially, observation of ground movements, structures and damaged buildings. Location by GPS and photography work, including drones. Creation of a database for future interventions. Immediate 5-day scouting mission, especially in the regions near the epicenter.

Materials transported

GPS*, sclerometer*, pundit*, bibs and helmets, drones

*provided by LNBTP

Deployed in the field from August 27 to August 31st.

Based in Camp-Perrin



Places of intervention of the mission

Fond-des-Nègres
L'Asile
Petit trou de Nippes
Anse à veaux
Cayes
Jérémie
Cavaillon
Changeux closest to the epicenter
Tiburon
Saint-Louis du Sud

Observed phenomena

Land movements
Masterpieces
Buildings



The cracks in the ground are impressive from above



Black flags represent buildings of all kinds, blue represent landslides and reds represent structures

Observations / Interventions



Fond des Nègres - first locality where signs of the earthquake are noticed.



Fond des Nègres - questioning owners and residents



Taking concrete strength measurements

Interpreting the causes of damages



While damaged buildings in urban centers are mostly made of reinforced concrete, traditional houses in rural areas are made of lighter weight materials that for the most part did not withstand the August 14, 2021 earthquake without damage.



The students were interested in analyzing these structures made with local materials and taking action for future thoughts



Inspection of works of art



Several landslides occurred along the roads but also in entrenched places not accessible by vehicle and also in remote places not accessible by vehicles.

Near the epicenter

In the locality of Changeux, significant ruptures in the soil were detected.



Guidelines for the Action Plan

Earthquake engineering:

- Dissemination of the training modules in earthquake engineering for masons, foremen and engineers,
- Design of housing units cyclone and earthquake resistant,
- Promotion to local authorities for the application of construction standards,
- New training courses in construction site management.

Mission : “Medical care”

The "Medical Care" delegation was composed of 9 doctors from P-A-P and 32 interns based at St Boniface Hospital in Fond des Blancs. This delegation has been set up for a longer period of time.

UniQ has also invested in the transformation of one of its Buses into a **Mobile Clinic**. It was also necessary to buy emergency medicines and kits.

Materials transported

medicines, clothes and linens

Objectives : deployed to provide medical care to individuals affected by the earthquake in remote and hard-to-reach areas.

Deployed in the field from August 27 to September 1st.

Different fallback points



UniQ Mobile Clinic

Bus converted into a mobile clinic in record time (5 days).



Places of intervention of the mission

Petit trou des Nippes (Passe Baradères),

LafondAnse à veaux

Beaumont : 43 patients seen: 18 men and 25 women between 3 and 75 years old

Chardonnières : 54 patients seen: 24 men et 30 women between 4 and 89 years old

Les Anglais : 48 patients seen : 16 men and 34 women between 9 and 82 years old



Observations / Interventions

Two weeks after the earthquake, the health response arrived a little late. The urgent cases had already been moved and the more critical cases unfortunately had already succumbed. The patients seen were mainly taken care of for healing or superinfected wounds, post-traumatic stress, chronic pathologies, infections, gastroenteric problems etc.



In general, the populations were satisfied with the aid provided, and thanked the Quisqueya University for its humanitarian actions. As the first team, we also did a job of recognition.



The people told us about their expectations, which was mainly aid for the reconstruction of destroyed houses and buildings.



Guidelines for the Action Plan

- Mobile clinics in the most remote Sections Comunales where medical services do not exist,
- Professional Development programs for nurses and local health workers,
- Working with the local traditional practitioners : survey of treatment methods, training.

Mission : "Education and Psychology"

The "Education and Psychological" delegation is composed of 8 members including teachers from our Faculty of Education (FSED-UniQ) and child psychologists. Objectives : To help school-age children to enable them to return to school in September. Special care for children to manage the trauma caused by the disaster and the exceptional living conditions suddenly imposed on them. This psychological accompaniment will also take the form of socio-emotional learning and therapy through the arts. Inventory of schools damaged, especially in the Nippes by the earthquake.

Materials transported :

School kits from our partner Unicef.

Deployed in the field from August 26 to September 1st.

Based in Miragoâne



Places of intervention of the mission

L'Asile
Changieux
Cayes
Lycée Philippe Guerrier des Cayes
Port-à-Piment



Observations / Interventions

Meeting with Nippes teachers' associations

Meeting with the Departmental Director of Education

Visit of schools in l'Asile (most of them totally destroyed)

Visit of the National School of Changieux (the only national school of this communal section of l'Asile located only 4 km from the epicenter of the earthquake)

Meeting with a delegation of teachers from UNNOEH

Lycée Philippe Guerrier des Cayes - meeting with the Departmental Director of Education of the SouthPort-à-Piment - meeting with a group of principals whose schools were damaged.



Guidelines for the Action Plan

1. Children first:
 - a. Art Therapy,
 - b. Sport,
 - c. Back to School Initiative : How to teach in a zero building environment?
2. Teacher's training in the most remote "sections communales": Mobile Units,
3. Mental Health Initiative.

Port-à-Piment - **320 students** were gathered in the premises of the Jardin Vert School (preschool, 1st and 2nd AF) with whom we played cards, sang, ate and to whom we distributed school kits. Some parents confessed that they remembered the reopening of classes thanks to school kits which reminded them that after the earthquake, children's school life must continue.

Mission : **"Consolidation of local productive capacities"**

A survey is underway via the UniQ incubator QE3 through our students from the far south to assess the SMEs impacted by the earthquake. A study is being conducted by our researchers to establish a real diagnosis of the impact of the earthquake on the local economy and to arrive at a series of recommendations to avoid that humanitarians work against the economy and think about the reconstruction phase.

Mission: Safeguarding the local economy

Launched on 08/25/2021

Guidelines for the Action Plan

1. To determine the impact of the earthquake on local businesses,
2. Access to the QE3 resources : Training, Business Plans, Assistance for recovery, etc.

TNC actions

Humanitarian convoy : Distribution throughout the TNC network of Grand Sud



Collaboration with firefighters



Field evaluation

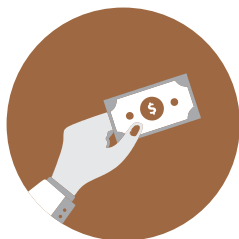


Meeting with TNC coordinators from the Great South

FUNDRAISING AND DONORS

We welcome the local mobilization, in the diaspora and internationally to support the efforts of local initiatives which have been on the front line alongside the victims, in the response to the disaster.

Donation range	Donors & funders
100 - 1000 usd	Prospère Pierre et Michel Maurice
1001 - 5000 usd	Dominique Michel
5001 - 10000 usd	Me Patrick Victor
20001 usd and more	The United Front of the Haitian Diaspora, Community Empowerment
Total : 39880 usd	



Thank you!
for your donation



For further information, please contact the Task Force:

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