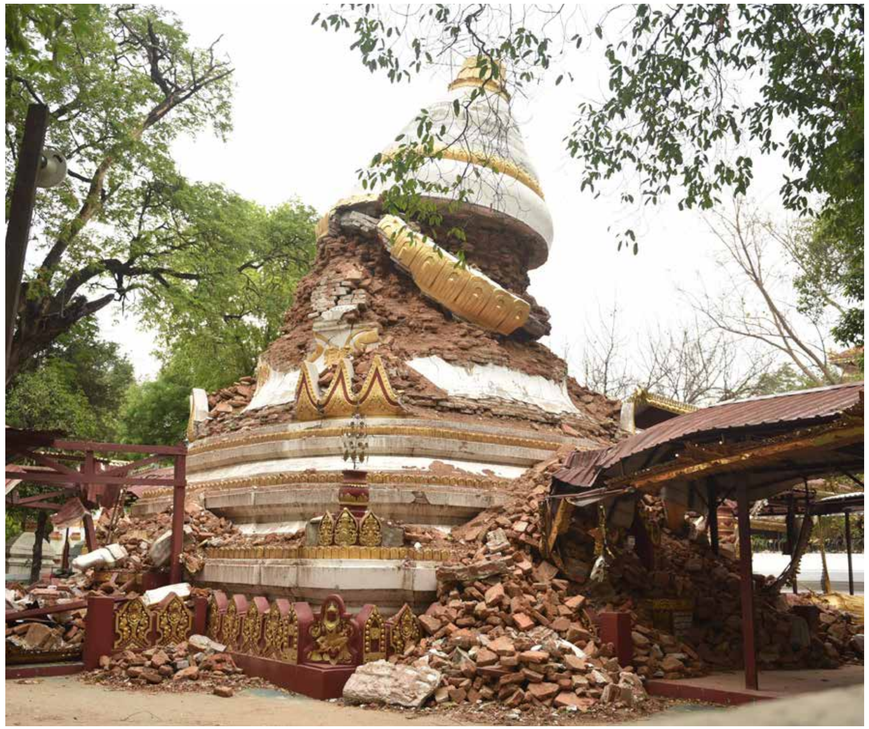
MYANMAR
EARTHQUAKE RESPONSE

Planet Water Foundation | Disaster Response Alliance

April 2025



A NATION IN RUINS









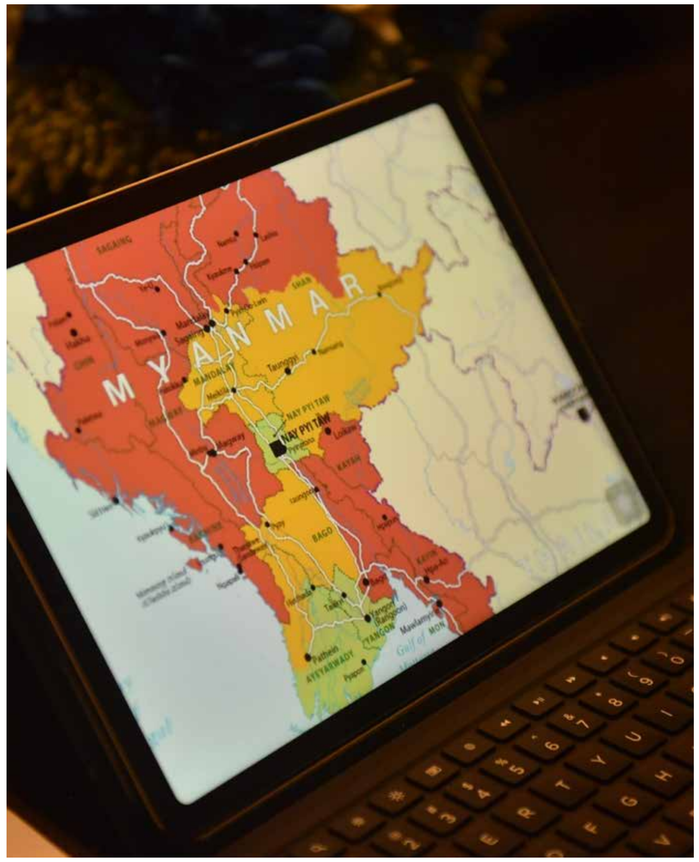


When the powerful 7.7-magnitude earthquake struck Myanmar on 28 March 2025, it left a devastating trail of destruction in its wake. Lives were abruptly shattered, families torn apart, and entire communities reduced to rubble. As of now, the death toll has risen to 3,700 people, with over 4,800 individuals reported injured and 129 still missing. The scale of physical devastation is staggering—more than 65,000 structures were destroyed, including thousands of homes, schools, religious sites, hospitals, and essential roadways. Entire villages have been leveled, leaving survivors displaced and without access to basic necessities.

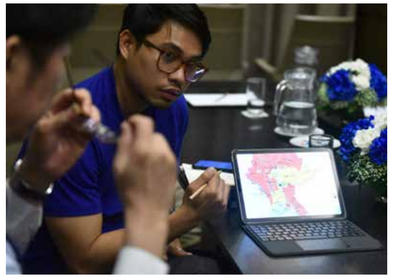
Efforts to deliver relief and initiate recovery have been significantly hindered by the frequent and unpredictable aftershocks, which continue to threaten both survivors and rescue workers. To make matters worse, the country's ongoing civil unrest has further complicated aid delivery, limiting access to affected areas and slowing down coordinated responses. A lack of sufficient international assistance has placed immense pressure on local organizations and first responders, who are already struggling to cope. As Myanmar faces one of the worst humanitarian crises in its recent history, the need for urgent global support has never been more critical.















DISASTER RESPONSE ACTIVATION

Following the catastrophe, Planet Water Foundation’s disaster response monitoring system triggered an immediate alert. The situation was quickly assessed, and local partners on the ground were engaged to evaluate needs and explore operational possibilities.

On April 6, Planet Water Foundation’s Disaster Response team travelled to Myanmar from across the region to provide support. In the first week, they finalized operational protocols and coordinated closely with the Rotary Club of Central Yangon to plan site installations. The team covered thousands of kilometers across the most heavily impacted areas, identifying strategic locations such as hospitals, temporary camps, and schools—each selected to maximize the reach and long-term benefit of the water systems.





Despite logistical challenges, including navigating multiple security checkpoints in conflict zones, the water filtration systems were successfully shipped to evacuation camps across Mandalay, Sagaing,and Naypyitaw. From April 16th to 18th, AquaTower systems were installed in Naypyitaw General Hospital, Ba Htoo Stadium Camp, Yan Naing Ward Temporary Camp, Yadanar Myintzu Monastery School, and Ah Ma Ka-21 Primary School.

Every installation included comprehensive water quality testing and a thorough commissioning process. The local operators were trained on system maintenance, ensuring a sustainable and community-led approach to clean water access. Each system now transforms source water from nearby wells and rivers into clean, safe drinking water - offering a vital lifeline for displaced and affected residents.







EMERGENCY CLEAN WATER SOLUTION

In the immediate aftermath of an earthquake, rapid intervention through the deployment of water filtration systems is essential to help prevent a health crisis and support recovery.

The AquaTower solution has a three-stage water filtration process incorporating ultrafiltration (UF) hollow fiber membrane technology and activated carbon for enhanced water quality. It produces up to 1,000 liters per hour, capable of supporting the daily drinking water requirements of up to 2,000 people.















“Since the earthquake, we’ve been staying at the school, which now serves as a temporary shelter. With damaged pipelines, getting clean water has been a major challenge. While bottled water donations have helped, they haven’t been enough. The AquaTower is a game-changer - it provides a sustainable source of clean, safe water whenever we need it, supporting our health and giving us peace of mind during recovery.”

Moh Moh Lwin,
Resident of Sagaing



“I’ve been living in Nay Pyi Taw for more than 20 years. When the earthquake struck, I was so terrified, I instinctively dropped to the floor. Earthquakes have always frightened me, and this one shook us all deeply. Before the AquaTower was installed, the hospital here struggled to access clean water. It was a serious concern for everyone. But now, getting safe and clean water has become much easier.”

Daw Win Win Khaing,
Nay Pyi Taw Resident



“Our monastery school, home to 600 students and teachers, lost its small water filtration system in the earthquake. With limited bottled water donations, many have had to rely on unsafe sources. We’re grateful for the AquaTower—it makes our water safe again and provides a lasting solution for our school community.”

Khaymar Thiri,
Monk and Headmaster of Yadanar Myintzu Monastery School



“I was making lunch when the earthquake hit—our home was damaged, and a family member was injured. Since then, life has been tough, and I haven’t been able to cook for my family like before. With the heat, clean water is more important than ever. We can’t afford to get sick. I’m deeply thankful to Planet Water Foundation for the AquaTower. It’s helping keep our family healthy and safe.”

Daw San San Myint,
Resident of Mandalay



“I’m from Mandalay, but after the earthquake damaged my home, I had to move to this crowded evacuation camp with over 1,000 people. Living in a tent is hard, and safe water is one of our biggest challenges. Bottled water is limited, so I’m truly grateful for the AquaTower—it gives us clean water whenever we need it.”

A Mee Nar,
Resident of Mandalay



THANK YOU

Through the support of Planet Water Foundation's Disaster Response Alliance, up to 10,000 people affected by the earthquake in Myanmar now have access to safe water. In times of crisis, every drop counts — and your support is making a real difference.



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