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Firefighters battle a fire along the Ronald Reagan (118) Freeway in Simi Valley, Calif., Monday, Nov. 12, 2018. (AP Photo/Ringo H.W. Chiu)

PROJECT BRIEF

TACTICAL ASSISTANCE RESPONSE PROGRAM



WWW.TACRESOURCES.COM

ABOUT OUR ORGANISATION

Our organisation is called 'TARP' which stands for Tactical Assistance Response Program. Our motto is: 'responding any time to any events'. TARP is an international not-for-profit organisation based in Australia.

Its aim is to provides emergency assistance that includes search and rescue, medical treatment, building collapse, and firefighting. Also, TARP is there to assist the existing local or state emergency services personnel so that more people can be rescued and more lives can be saved.

TARP's personnel are trained and qualified to respond to any natural disaster, such as earthquake, flooding and others. They are ready to respond in Australia and worldwide and can be activated within 12 hours of notice.

KEY OBJECTIVES

1. Supporting State Emergency Agencies

TARP can provide backup and support to the State, Federal Emergency services and other government agencies providing personnel in the event of an extended emergency such as fire, earthquake, tsunamis, floods, mine emergency support. This co-existence will give support to the crews on the ground by providing extra personnel to allowing them to take breaks and recover from the fatigue.

2.Supporting the Community

TARP is dedicated to assisting the community to help them with early intervention on any uneasy situation they are in so that it can be resolved quickly and they can go back to their normal day to day life.



Floods in Cilegon, Banten Province, Java, Indonesia, May 2020. Photo: BPBD Cilegon



A man stands amid the damage caused by a tsunami in Palu, Central Sulawesi, Indonesia, Sept. 29, 2018.

EXECUTIVE SUMMARY

TARP Team consist of 11 experts in the field of emergency:

A Mission Director, 7 Tactical Responders, Logistics-Liaison Manager, Technical Analyst, and Security Analyst.

The team has had extensive rescue experience in the areas of:

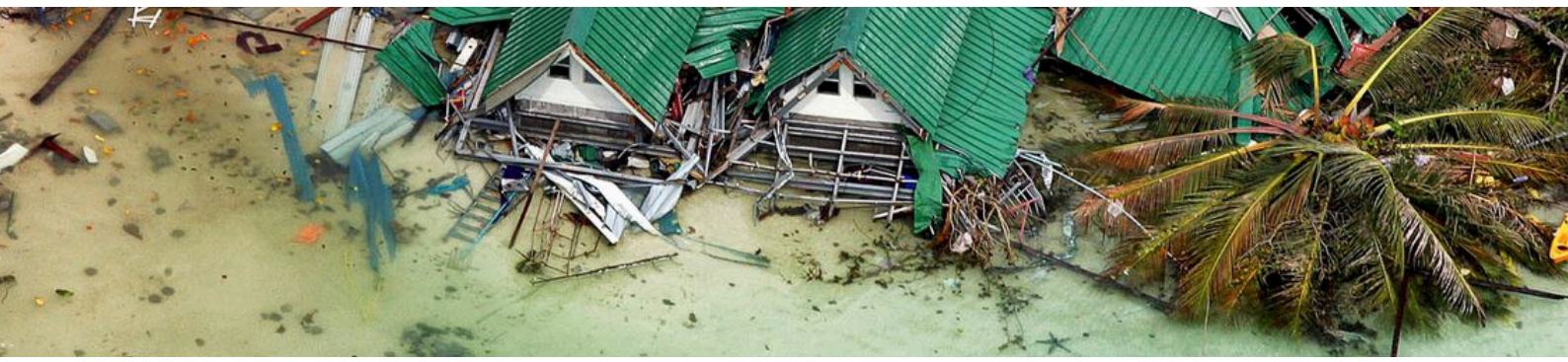
- Flood & Swift Water Rescue
- Ground Search & Rescue
- Building/Structure Collapse Rescue
- Cliff Face Rescue
- Hazmat Rescue

TARP will also work along side other agencies such as:

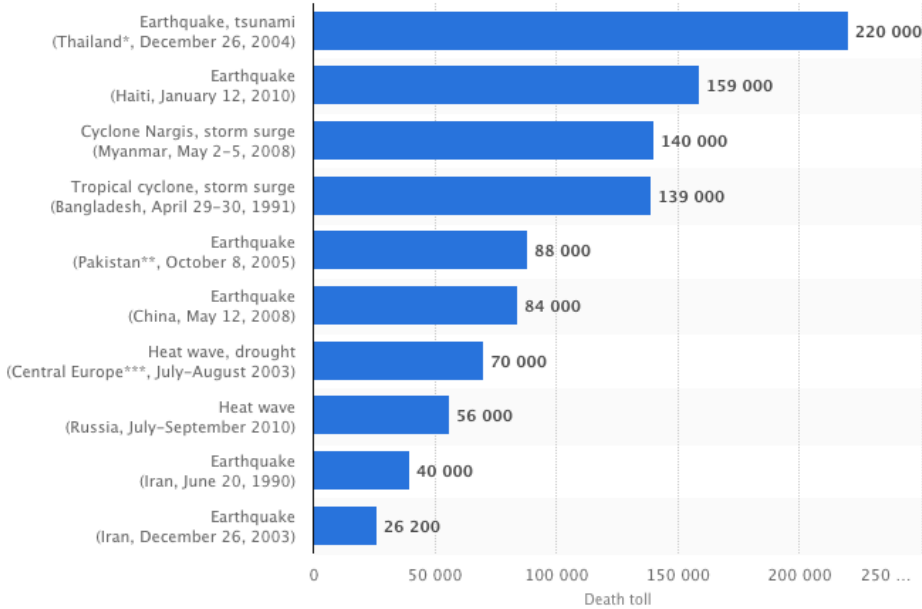
- State Fire Services
- State and Federal Emergency Services
- International organisations such as Red Cross and other humanitarian organisations
- State Ambulance Service

Ability to respond

The team is able to respond to a request for assistance within 12 hours after activation.



Above photo: What was left of the paradise after Tsunami in Thailand December 2004 (<https://www.mediaculture.com.au/news/asian-tsunami-2004-thailand>)



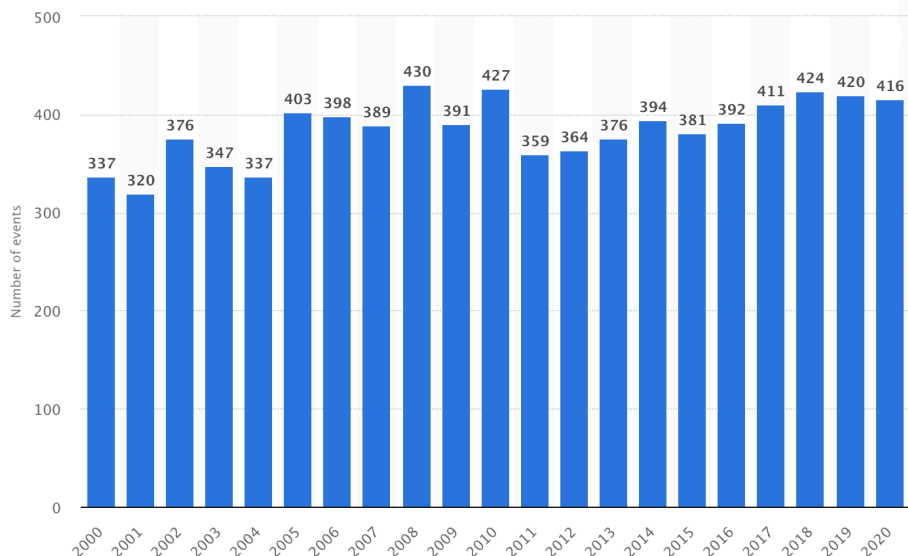
MOST SIGNIFICANT NATURAL DISASTER 1980 TO 2019 (BY DEATH TOLL)

Ten deadliest natural disasters worldwide since 1980 (<https://www.statista.com/statistics/268029/natural-disasters-by-death-toll-since-1980/>)

As shown in the above statistics comprised by 'Statista' there is no denying that natural disasters claim many lives around the world. Earthquake, and earthquake-related events such as tsunami, has claimed 617,200 lives, follows by weather-related events such as cyclone and storm and heatwave.

According to 'Statista', last year (2020) there have been over 416 natural disaster events occurred globally. Over the past two decades, there have been 8,092 natural disaster events, which put an average of 405 events each year.

NATURAL DISASTER GLOBALLY FROM 2000 TO 2020



Two decades of natural disaster statistics <https://www.statista.com/statistics/510959/number-of-natural-disasters-events-globally/>

TARP'S GOALS

- To rescue and save more lives.
- To develop relationships with other emergency organisations, nationally and internationally.
- To provide highly trained experts in the disaster and emergency management.
- To become the leaders in emergency management by empowering members of the community.
- To have a worldwide presence.
- To become the pioneer organisation in utilising the latest search and rescue technology.

COLLABORATION WITH QUEENSLAND UNIVERSITY OF TECHNOLOGY (QUT)

TARP is working together with the Robotics and Autonomous Systems Division at the QUT to develop an Artificial Intelligence (AI) for Unmanned Aerial Vehicle (UAV) to carry out search and rescue missions.

As a leader in Emergency Response, TARP has been providing direction and advice in regards to the practical use of UAV, specifically in the area of search and rescue for further development of the AI function of the UAV.

The focus of the collaboration is to develop such device that can be used to reduce the time it takes to find and locate a missing person in events such as earthquakes, tsunamis, and/or structural collapses. This will ultimately minimise the risk exposure to the rescue personnel and will limit the use of more costly means of search and rescue such as the use of air support.



"United we stand to serve mankind"



CORPORATE BENEFITS

Sponsorship to TARP program will take your company to the next level. The following are some of the benefits:

1. Corporate Citizenship

As the TARP sponsor, you will provide an avenue to rescue and save more human lives, either in Australia or worldwide, therefore you will be recognised as the leader in a real-life rescue. Also, TARP will provide extra personnel to support ongoing large scale emergency events in Australia, such as bushfires and floods, when requested/as required. The team will work alongside the State Emergency Services and provide an extra resources, therefore allowing the responding agency personnel time to rest and recover.

2. Branding Awareness

TARP's Rescue Team will carry your brand and logo around the world as it will be displayed on their uniforms and vehicles when the team carry out their rescue mission. Your company logo and brand will also be displayed and mentioned in all media releases.



"United we stand to serve mankind"



CORPORATE BENEFITS

3. Access to the Latest Technology

With TARP's ongoing collaboration with the QUT, you will have access to some of the latest technology in the area of search and rescue.

4. Access to Professionally Trained Emergency Personnel

You will have a competitive advantage as your company can have access to the TARP's personnel in the event an emergency situation occurs in your business.

5. Additional Benefit:

TARP will be registered as not for profit organisation which enable your business sponsorship to be tax-deductible.



"United we stand to serve mankind"

Tactical Assistance Response Program

Summary Page

TARP's primary goal is to help save more lives. It exists in tandem with the company funding the program in order to assist the existing local or state emergency services so that more people who are trapped in the midst of natural disasters can be rescued.

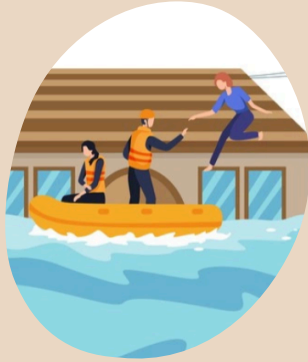
All crews are:

- Experienced in handling various rescue in disasters events,
- Professionally trained for a maximum life-saving effort, and
- Able to be dispatched within 12 hours after activation.

Flood & Swift Water Rescue

The crews' aim to rescue victims trapped in the flooded area.

Heavy rainfall hit several places in Indonesia in July 2020. South Sulawesi Province received the worst flooding, with 16 people died and over 40 were missing. (1).



Ground Search & Rescue

The S&R team aim is to find as many natural disasters survivors as possible.

With the average time of survival between five and seven days, the chance of speedy rescue can be increased by good coordination of emergency personnel, use of large equipment and the latest technology and local knowledge. (7).



Building/Structure Collapse Rescue

The crews aim is to rescue victims trapped in the collapsed structure caused by earthquakes, tsunami, & cyclones. Lately, advanced technology has been used to speed up the search process.

An earthquake with magnitude 6.9 hits Lombok Island, Indonesia, in August 2018 has killed 98 people, injured 269. Half the homes had been destroyed or badly damaged by the quake. Rescuers struggled to reach possible survivors due to a lack of equipment. (5).

In 2020, data showed there had been 1,433 earthquakes occurrence worldwide. (2).



Cliff Face Rescue

The rescue crews aim to rescue victims of earthquakes stranded on a cliff or a mountain area.

Earthquakes often trigger landslides, which can cause catastrophic damage to homes and towns. (4).

A significant landslide due to earthquakes with a magnitude of seven struck the NTB province, Indonesia, on 10 August 2018. The affected areas are located in isolated villages and hills; the soil is soft and prone to landslides. Three hundred twenty-one people died. (3).



Hazmat Rescue

The crews' aim is to rescue victims trapped in the hazardous environment, decontaminate, and hand them over to the existing medical services.

Chemical releases (such as radioactive material), especially from factories and industrial areas, following a natural disaster such as an earthquake or hurricane, can create a big problem for humans, animals and the environment. (6).

In 1998, heavy rains in Honduras (due to Hurricane Mitch) caused flooding, and agricultural chemicals were released into the environment.



Fire Rescue

The crews' aim to rescue victims trapped in the fire area, such as structural fire or bushfire.

Earthquake damage facts show that fires caused by earthquakes are the second most common hazard.

Earthquake fires start when electrical and gas lines are dislodged due to the earth's shaking. As broken gas lines set the gas free and spark a firestorm (4), such as in 1989, an earthquake with magnitude 6.9 caused liquefaction in San Francisco, destroyed 30 buildings, and gas lines were broken, igniting fires.



Sources:

- (1) <https://floodlist.com/asia/indonesia-floods-north-luwu-regency-south-sulawesi-july-2020>
- (2) <https://www.statista.com/statistics/263105/development-of-the-number-of-earthquakes-worldwide-since-2000/>
- (3) <https://reliefweb.int/report/indonesia/3622-natural-disasters-occurred-2019-bnbp>
- (4) <https://www.earthquakeauthority.com/Prepare-Your-House-Earthquake-Risk/Geologic-Hazards/Liquefaction>
- (5) <https://www.theguardian.com/world/2018/aug/06/indonesia-earthquake-lack-of-equipment-hampers-rescue-efforts>
- (6) <https://reliefweb.int/report/world/chemical-releases-caused-natural-hazard-events-and-disasters-information-public-health>
- (7) <https://www.bbc.com/news/world-asia-32490242>

To discuss the TARP program further, please contact:
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Flash floods, North Luwu, South Sulawesi, Indonesia, July 18, 2020
Search and Rescue Operations (source in the photo)

TACTICAL ASSISTANCE RESPONSE PROGRAM (TARP)

United We Stand to Serve Humanity

TARP is formed in Australia by rescue personnel who dedicate their lives to providing support and assistance to rescue people. We all know all too well that natural disasters events such as earthquakes, fires, floods, tsunami, and landslides are consistently high, which has caused so much devastation financially, economically, and, most importantly, loss of lives. We know at least someone who has family or friends directly or indirectly affected by it in any shape or form.

In a time of emergency, the local authorities and medical staff are there to respond. Thanks to their dedication, there are times these people when inundated with many tasks. We all know too well that the first 48 hours are crucial to saving as many people as they can. Some first responders have undertaken 18 hours shifts during these events.

They are continuously under a lot of pressure. When the fatigue hits, it affects their performance, and they put themselves in danger due to being unable to assess the risks of opposing threats. We certainly do not wish to see tragedy happen to those who dedicate their lives to save lives.

1 Our Mission

- TARP is here to provide as much assistance to these local and provincial government's rescue personnel where the weather-related disasters happen, so in the end, more lives can be saved.
- TARP is dedicated to assisting the community to help them with early intervention so that they can go back to their normal day to day life.

2 Our Team

- The team consists of 10 to 12 experts who collectively have extensive experience in emergency management and rescue. They understand the danger of various natural disasters and are passionate about helping people from all walks of life.
- Their motto is 'United We Stand to Serve Humanity.' When they are not responding, they will undertake intensive training, using a unique technique and the latest technology, and always on standby, ready to be deployed.

3 Your Sponsorship Benefits

1. **Corporate Citizenship:** as the TARP sponsor, you will provide an avenue to rescue and save more human lives, either in Indonesia or worldwide, therefore you will be recognised as the leader in a real-life rescue.
2. **Branding Awareness:** TARP's Rescue Team will carry your brand and logo around the world as it will be displayed on their uniforms and vehicles when the team carry out their rescue mission.
3. **Access to the latest technology** in search and rescue: with TARP's ongoing collaboration with the various universities, you will have access to some of the latest technology in the area of search and rescue.
4. **Access to Professionally Trained Emergency Personnel:** you will have a competitive advantage as your company can have access to the TARP's personnel in the event an emergency situation occurs in your business.



For the program presentation and more explanation, please feel free to contact:
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Firefighters battle a fire along the Ronald Reagan (118) Freeway in Simi Valley, Calif., Monday, Nov. 12, 2018. (AP Photo/Ringo H.W. Chiu)

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