

When disaster strikes, the first minutes are lost to confusion.

Victims who cannot say where they are. Responders who arrive blind. Networks that go dark. People who do not know what to do next. ResQMe is a personal safety app built to close that gap, from Kathmandu to Abu Dhabi.

~270

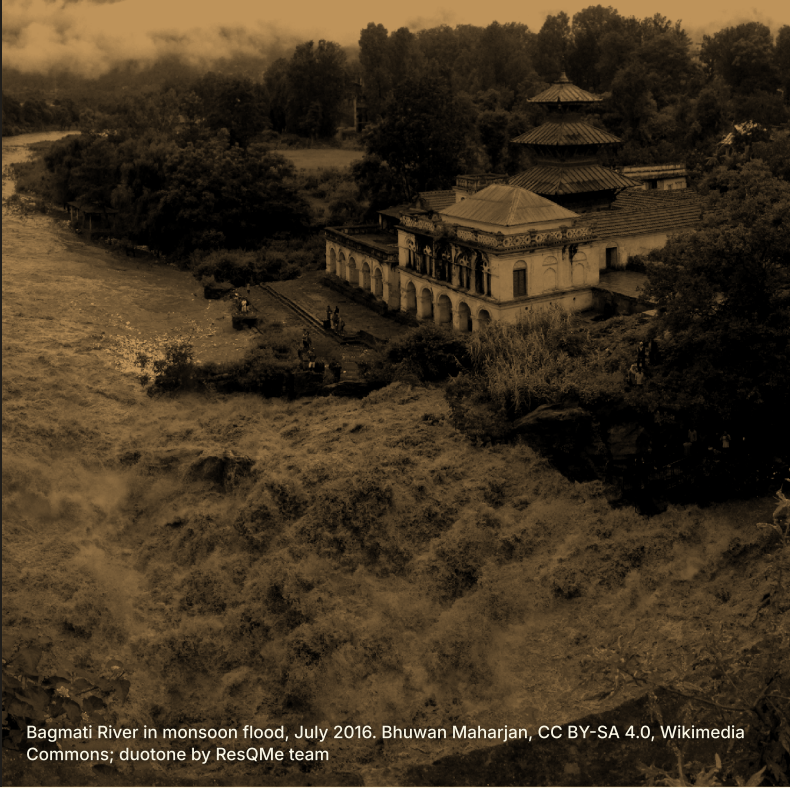
killed or missing in Nepal, Sept 2024 floods¹

35

killed by one landslide on two night buses¹

170+

injured in the UAE by falling debris, Feb–Mar 2026⁴



Bagmati River in monsoon flood, July 2016. Bhuwan Maharjan, CC BY-SA 4.0, Wikimedia Commons; duotone by ResQMe team

01 The problem, in four failures

WHERE THE FIRST MINUTES GO



Victims can't be located

Trapped in a car, on a rooftop or under a slide, people often cannot say where they are. Searchers sweep areas, not points.



Responders arrive blind

No blood type, allergies or medication, no picture of the scene. Crews ask questions a patient may not be able to answer.



Networks fail

Floods cut power, towers and roads at once. A message typed during the outage is lost, with the location it carried.



People don't know what to do

Which number? Shelter or flee? Touch the debris? Without clear guidance, rumour fills the gap.

02 Nepal: water and earth

CASE STUDY



236

dead, 19 missing, 165 injured by 3 Oct 2024²

17,000+

people rescued by 30,000+ security personnel²

60

dead again in Oct 2025 floods; 37 in Ilam alone³

Hundreds of landslides in two days¹ trapped people where they stopped: on highways, in vehicles, in homes by rising rivers.

HOW RESQME WOULD HAVE HELPED

- One-tap SOS sends exact GPS; no description needed.
- Offline queue retries when signal returns; satellite SMS fallback.
- Water-aware pick routes flood cases to boat-equipped teams.
- Rescuer drone recon and a Medical ID ready for whoever reaches you first.

03 UAE: debris, heat, flood

CASE STUDY



1,872

drones intercepted over the UAE, 28 Feb – 28 Mar 2026⁴

12

injured by debris in Ajban, 3 Apr 2026, 7 of them Nepalese⁵

75 yrs

heaviest rain on record, 16 Apr 2024; cars abandoned on flooded roads⁷

“Do not approach, touch, or photograph any debris.”

Abu Dhabi Police, March 2026⁴. In Jan 2022 a drone attack in Musaffah killed three and injured six⁶.

HOW RESQME WOULD HAVE HELPED

- Hazard alerts push official guidance: nearest secure building, away from windows.
- Silent SOS for when speaking or unlocking the phone is not safe.
- Evidence locker logs time and place of damage, from a safe distance.
- One screen for 999 police, 998 ambulance, 997 fire and 996 coast guard⁸.

04 How ResQMe closes the gap

EACH FAILURE, ANSWERED ON THE PHONE



Can't be located

One-tap SOS with live GPS

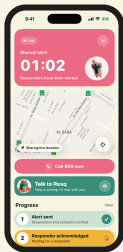
Hold to alert; contacts and responders get a live tracking link.



Arrive blind

Medical ID on scene

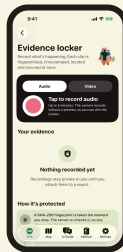
Blood type, allergies and conditions travel with the alert.



Networks fail

Offline queue, live share

Alerts wait for signal, then send with the location they were raised at.



Don't know what to do

Guidance and evidence

Step-by-step hazard advice and a private evidence locker.

05 Who benefits

IMPACT

Residents

Flood, heat and debris alerts where they live.

Tourists and trekkers

Location that works without local language or a SIM.

Outdoor workers

Check-ins for crews in heat, farms and industrial zones.

Women walking alone

Companion mode and Silent SOS at night.

First responders

A pin, a patient profile and a scene, before arrival.

ResQMe

Team: [Team member names]

[University]

¹ D. Petley, “26 to 28 September 2024 Nepal,” The Landslide Blog, Eos (AGU). eos.org/thelandslideblog/26-to-28-september-2024-nepal

² UN RCO/OCHA, Nepal 2024 September Floods and Landslides, Situation Report 3, 3 Oct 2024. reliefweb.int

³ All India Radio News, “Death toll rises to 60 as landslides and floods ravage Nepal,” 7 Oct 2025. newsonair.gov.in

⁴ The National, “Six injured by debris from intercepted missile in Abu Dhabi,” 28 Mar 2026; NCEMA guidance in The National, 28 Feb 2026. thenationalnews.com

⁵ Airwars incident DEBUAE260403a, citing Abu Dhabi Media Office, 3 Apr 2026. airwars.org

⁶ CNBC, “Three dead, six injured in UAE fuel tanker explosions,” 17 Jan 2022. cnbc.com

⁷ Gulf News, “UAE witnesses largest amount of rainfall in 75 years,” citing National Center of Meteorology, 17 Apr 2024. gulfnews.com

⁸ UAE Government portal, emergency numbers. u.ae

App screens: ResQMe iOS build, demo user Manav. Maps: ResQMe team; country outlines from Natural Earth (public domain), sites from sources 1–7.

