

Dear Colleagues,

On 11 March 2011, a massive earthquake and tsunami hit Japan, decimating villages, agricultural land and infrastructure. The earthquake measured 8.9 (later referred as 9.0) on the Richter scale, making it Japan's most severe earthquake in the history of Japan. USGS reports the epicentre of the earthquake was 373 Kilometers (232 mi) away from the capital city of Tokyo. According to ZKI the daunting 10 meter high tsunami struck the north-eastern Japanese coastline in the wake of the earthquake, sweeping homes and vehicles inland. BBC reports over 2400 people killed and more than 3000 people as missing. Catastrophe modeling firm EQECAT estimates that losses from the quake, tsunami and fires will total at least \$100 billion, including \$20 billion in damage to residences and \$40 billion in damage to infrastructure such as roads, rail and port facilities. The earthquake/tsunami has also led to explosions at the Fukushima nuclear facility.

Realising the gravity of this situation, we have prepared the Special digest on 'Japan Earthquake/Tsunami' (15 March 2011) for members of Mountain Forum and Mountain Partnership network.

We highly appreciate your support in sharing this information with relevant people in your network.

Regards,

Asia Pacific Mountain Network (APMN) team

P.S: Compiled links to media clips, events, opportunities, organizations, awards and resources are updated on our del.icio.us page. Please add apmn.media to your network. More on del.icio.us [here](#)

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Media Clips on Japan Tsunami

1. Radiation Fears After Japan Blast

15 March 2011

Explosions at a Japanese quake-stricken nuclear plant have led to radiation levels that can affect human health, a senior Japanese official has said.

Source: <http://bbc.in/dKpdT0>

2. International Atomic Energy Agency (IAEA) update on Japan Earthquake

15 March 2011

Japanese authorities yesterday reported to the IAEA at 21:05 CET that the reactors Units 1, 2 and 3 of the Fukushima Daiichi nuclear power plant are in cold shutdown status. This means that the pressure of the water coolant is at around atmospheric level and the temperature is below 100 degrees Celsius. Under these conditions, the reactors are considered to be safely under control.

Source: <http://bit.ly/h6Cldh>

3. Crescent City Harbor's Fishing Industry Devastated

14 March 2011

Recovery crews say 50 vessels have been damaged, including 15 that sunk, in a fishing-dependent Northern California city hit hard by the tsunami surge after the earthquake in Japan. Crescent City's inner harbor, which provided berths for more than 100 boats, was virtually destroyed by the waves.

Source: <http://huff.to/h2GMaN>

4. Japan Nuclear Plant Rocked by Second Blast, Nuclear Rods Likely Melting

14 March 2011

SOMA, Japan -- The second hydrogen explosion in three days rocked a Japanese nuclear plant Monday, sending a massive cloud of smoke into the air and injuring 11 workers. The blast was felt 25 miles (40 kilometers) away, but the plant's operator said the radiation levels at the affected unit were still within legal limits.

Source: <http://huff.to/hlulJB>

5. Eric Cantor Defends Foreign Aid Cuts in Aftermath of Japan Earthquake, Tsunami

14 March 2011

With Japan reeling from last week's magnitude-8.9 earthquake and the tsunami that followed, leading House Republicans on Monday defended cuts to foreign aid and ocean safety in their budget proposals, arguing the cuts are necessary to shrinking the nation's deficit.

Source: <http://huff.to/h0aErW>

6. Religious Groups mobilize to aid Japan

14 March 2011

(RNS) As the extent of the death and destruction from the massive disaster in Japan comes into focus, religious relief organizations are sending and supporting teams to assess the damage. Groups such as World Vision and Baptist World Aid have teams on the ground determining what kinds of experts and supplies will be needed in the recovery from the earthquake and tsunami that struck Friday (March 11).

Source: <http://huff.to/hRNdLK>

7. Mixed Success for SE Asia's Japan Tsunami Alert Response

14 March 2011

South-East Asian countries have been reviewing the successes and failures of their tsunami alert systems, which swung into action last week (11 March) in response to Japan's major earthquake and tsunami. Countries to the south, such as Indonesia, Papua New Guinea and the Philippines, activated their tsunami warning systems but were spared much devastation.

Source: <http://bit.ly/g7ULx8>

8. Japan's Earthquake Disaster May Boost Rainforest Logging in Borneo

14 March 2011

Malaysian loggers say Japan's recovery from last week's devastating earthquake and tsunami will boost demand for rainforest timber, reports the Borneo Post. AmResearch, an investment research firm based in Kuala Lumpur, Malaysia, said logging companies that export plywood to Japan are poised to benefit from reconstruction.

Source: <http://bit.ly/eMPBUB>

9. 10,000 Feared Lost in Japanese Earthquake, Damaged Reactors Hold Lessons for China

14 March 2011

China must learn lessons from Japan's nuclear power crisis and ensure its own nuclear power sector develops safely, a top Chinese energy official said, as the country rushes to add new reactors to cut reliance on carbon-intensive coal.

Japan's Fukushima Daiichi nuclear complex, 240 km (150 miles) north of Tokyo, was rocked by an explosion on Saturday after Friday's massive earthquake forced reactors to shut down.

Source: <http://reut.rs/fL8rST>

10. Japan Earthquake 2011: Hardest Hit Regions Reel From Devastation

14 March 2011

Though rescue workers continue their frantic search, Japan's death toll is already expected to exceed 10,000 following Friday's magnitude-8.9 earthquake and deadly tsunami.

Source: <http://huff.to/futDTf>

11. Giving for Japan Disaster Totals at Least \$13-Million

14 March 2011

Early donation totals are starting to come in from charities that are raising money to aid victims of the earthquake and tsunamis in Japan.

Source: <http://bit.ly/fncUif>

12. Lady Gaga, Linkin Park and Other Celebs Help Japan, Call On Fans for Support

14 March 2011

With the crisis in Japan still unfolding, celebrities the world over have encouraged their fans to take action and help them collect relief funds.

Source: <http://huff.to/hg4HQD>

13. UN Disaster Team Deploys To Japan

14 March 2011

A United Nations Disaster Assessment and Coordination (UNDAC) team has arrived in Japan to support the Government in its emergency response operations.

Source: <http://bit.ly/etvP02>

14. Widespread destruction from Japan earthquake, tsunamis

13 March 2011

The morning after Japan was struck by the most powerful earthquake to hit the island nation in recorded history and the tsunami it unleashed -- and even as the earth continued to twitch with aftershocks -- the disaster's massive impact was only beginning to be revealed.

Source: <http://bit.ly/gXZsMO>

15. Magnitude 9.0 - Near the East Coast Of Honshu, Japan

11 March 2011

The magnitude 9.0 Tohoku earthquake on March 11, 2011, which occurred near the northeast coast of Honshu, Japan, resulted from thrust faulting on or near the subduction zone plate boundary between the Pacific and North America plates.

Source: <http://1.usa.gov/dYT52q>

16. JAPAN TSUNAMI HITS U.S., emergency declared in California counties -

11 March 2011

The US National Oceanic and Atmospheric Administration says a tsunami measuring over 2.4 meters high was recorded off Crescent City in northern California nearly 11 hours after the quake. The tsunami off the US west coast swept away 7 people. Six were rescued, but one man, said to have gone to the shore to take photos of the coming waves, remains missing.

Source: <http://bit.ly/hml2ss>

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Live News Updates

1. LIVE: Latest BBC Coverage on Japan Earthquake

URL: <http://bbc.in/gHUSKe>

2. Japan: Earthquake and Tsunami - Mar 2011

URL: <http://bit.ly/fXnWVZ>

3. Japan quake live blog: Fire erupts in fourth reactor; radiation warning issued

URL: <http://bit.ly/eW3l0o>

4. Red Cross Steps Up Response to Meet Needs of Evolving Disaster

URL: <http://bit.ly/fMKKoj>

5. Earthquake and Tsunami in Japan: Nuclear News and Updates (IAEA Update)

URL: <http://bit.ly/gpwGR6>

6. JAXA facilities are closed after earthquake

URL: <http://bit.ly/gpnxq1>

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Organisations involved in Japan tsunami Relief activities

1. American RedCross

The American Red Cross helps prepare communities for emergencies and keep people safe every day thanks to caring people who support our work

URL: <http://rdcrss.org/frGoC3>

2. Japan Society of Northern California (JSNC)

Jpan Society has established an emergency relief fund.

URL: <http://bit.ly/gp0XLw>

3. Save The Children

Mobilizing to provide immediate humanitarian relief in the shape of emergency health care and provision of non-food items and shelter.

Call 1800 76 00 11 or visit the link below.

URL: <http://bit.ly/hnL2ii>

4. Red Cross

Donors can contribute to the relief efforts by calling 800-733-27677 or visit the link below. Each text message is a \$10 donation to the Red Cross, which will be added to the donors' next cellphone bill.

URL: <http://rdcrss.org/frGoC3>

5. Mercy Corps

Mercy Corp has not sent its own team to Japan but it set up a donation fund for its partner, Peace Winds Japan, and its emergency assistance on the ground. To make a donation, call 888-747-7440 or visit URL: <http://bit.ly/ega4Jn>

6. Medical Teams International

Medical Teams International is also on alert and staying closely in touch with its nine partners along the coast and in Japan. To donate to Medical Teams International, visit

URL: <http://bit.ly/hk0oEj>

7. World Vision Canada

World Vision is among the first organisations to begin relief work by distributing emergency supplies and sending highly-trained staff to assess and respond to the most urgent needs. To donate, visit the link below.

URL: <http://bit.ly/icSySK>

8. Médecins Sans Frontières

Médecins Sans Frontières (MSF) is an international humanitarian aid organisation that provides emergency medical assistance to populations in danger in more than 60 countries. MSF workers are already on ground in Japan, assessing the situation.

URL: <http://bit.ly/gWyGA6>

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Resources

1. Japan Earthquake 2011: Before/After Satellite Images Show Extent Of Devastation (PHOTOS)

URL: <http://huff.to/hxeJ2z>

2. UN-SPIDER SpaceAid: space-based information for earthquake in Japan and tsunami in Pacific Region

URL: <http://bit.ly/hskz6z>

3. Surviving a Tsunami—Lessons from Chile, Hawaii, and Japan

Compiled by Brian F. Atwater, Marco Cisternas V.1, Joanne Bourgeois2, Walter C. Dudley3,
James W. Hendley II, and Peter H. Stauffer
URL: <http://1.usa.gov/i4hnPQ>

4. **Japan Earthquake and Tsunami Relief Fund**
URL: <http://bit.ly/g73nM7>
5. **Donate for Japan: Important Links and Information**
URL: <http://yhoo.it/hwNDVw>
6. **Site Managed by Volunteers, Aggregates Information Related to Japanese Earthquake (in Japanese)**
URL: <http://bit.ly/fnlLo4>
7. **GeoEye Satellite Photos of Japan, Before and After the Quake and Tsunami**
URL: <http://nyti.ms/hfmgIh>
8. **Page setup by Google Crisis Response for the 2011 Japanese Earthquake and Tsunami; includes a list of useful maps and real time updates**
URL: <http://bit.ly/gyLgBb>
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Emergency Mapping

1. **MapLarge's interactive map of seismic activity of the last 7 days up to the event**
URL: <http://bit.ly/dS3U0V>
2. **NOAA's Tsunami propagation forecast along with other links available on The MAP ROOM**
URL: <http://bit.ly/i8wzt2>
3. **Open Street Maps community call mapping Japan damages with the last Satellite photos:**
URL: <http://bit.ly/hUYI96>
4. **Center for Geographic Analysis, Harvard University launched the Japan Sendai Earthquake Data Portal to support the exchange of geospatial datasets for relief and reconstruction efforts**
URL: <http://bit.ly/g0SkvT>
5. **ESRI**
URL: <http://bit.ly/hOhdE9>
6. **Japan Sendai Earthquake Data Portal**
URL: <http://bit.ly/h9LqgE>
7. **Center for Satellite Based Crisis Information (ZKI)**
URL: <http://bit.ly/gDX9ql>

8. UNITAR

URL: <http://bit.ly/gvaxIN>

9. Japanese Meteorological Organization

URL: <http://bit.ly/evXDGp>

10. GDACS

URL: <http://bit.ly/e04Eho>

11. UN OCHA

URL: <http://bit.ly/fxfrQq>

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Videos

1. Japan reels from tsunami disaster- AlJazeeraEnglish

URL: <http://bit.ly/idciO5>

2. Fresh footage of huge tsunami waves smashing town in Japan

URL: <http://bit.ly/f0eGUd>

3. Video of Japan town wiped out by monster quake-tsunami

URL: <http://bit.ly/gz2ZF0>

4. Tsunami Devastates Japanese Coastal Region: A Report by Hokkaido Tsunami Survey Group

URL: <http://1.usa.gov/hNc5B2>

5. Japan and Beyond: Advice for Donating After Disasters

URL: <http://huff.to/fwDuAs>

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