

Kanazawa, Honshu Japan, 25 March 2007 00:42 UTC,  $M_w=6.9$

## Summary of the Earthquake and Tsunami on 25 March in Noto Peninsula

### Earthquake

Origin Time: 00:41, 25 March 2007 (UTC)

Latitude:  $37.2^\circ$  N

Longitude:  $136.7^\circ$  E

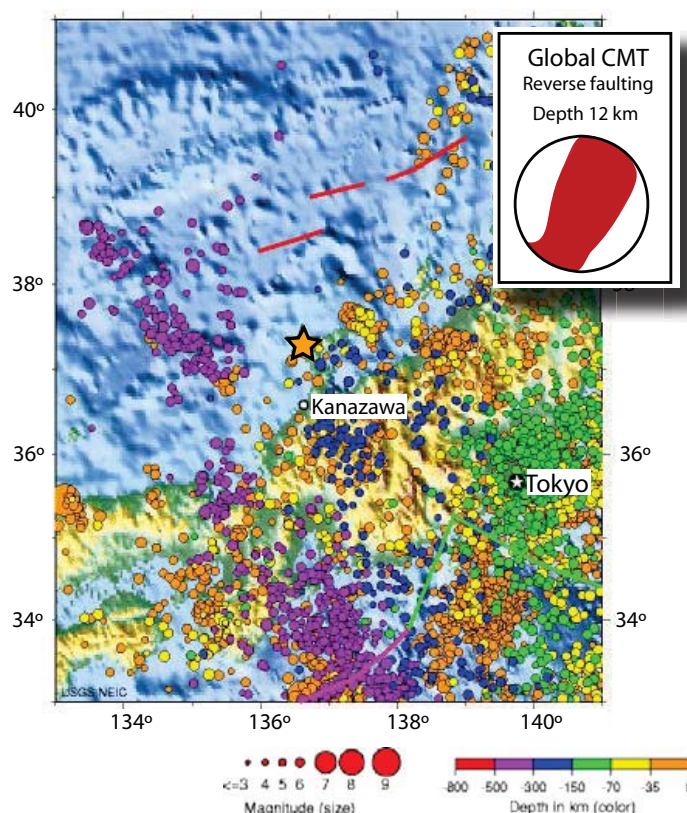
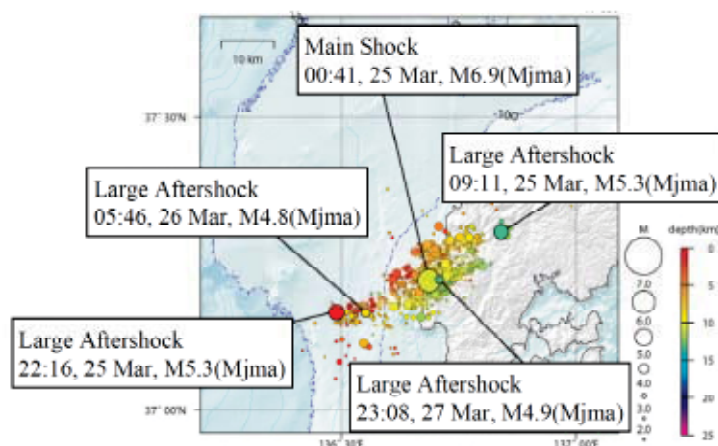
Depth: 11km

Magnitude: 6.9 ( $M_{jma}$ )

(More than 300 felt aftershocks in the following week.)

More than 60 landslides occurred in and around the Noto peninsula area of Japan. Roads were damaged, and cracks were generated in the landing field of Noto airport. Train service was temporarily interrupted and water supply was stopped because of damage to pipes.

There were 359 people injured and one person crushed by a stone lantern. More than 13,556 houses were destroyed.



Above: Map of historical seismicity in the area of the epicenter (orange star) from 1990 to the present. Map courtesy of the USGS National Earthquake Information Center (NEIC). Global Moment Tensor Solution from <http://gtml.org>.

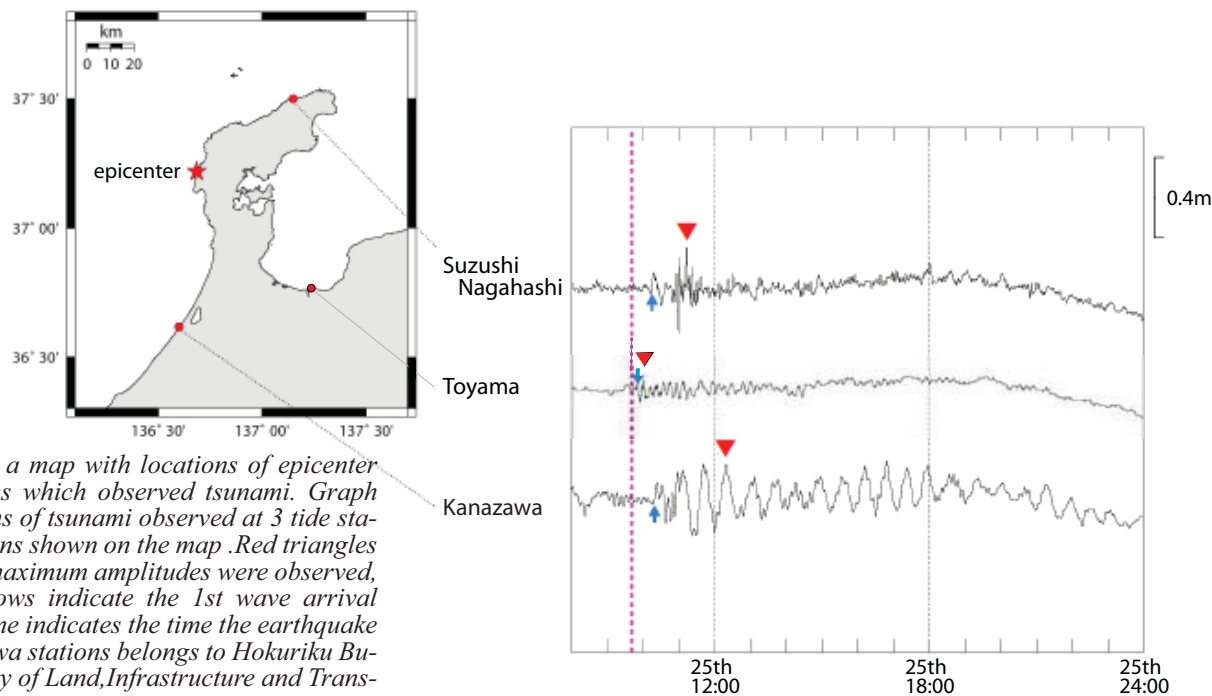
### Tsunami Warning

00:43 Tsunami advisory was issued by JMA

02:30 Tsunami warning was cancelled.

### Observed Tsunami Height (zero-to-peak)

Station name	1st wave arrival	max. tsunami height
Suzushi Nagahashi	01:15	22cm
Kanazawa	01:21	18cm
Toyama	00:51	6cm

**Kanazawa, continued**

The left picture is a map with locations of epicenter and 3 tide stations which observed tsunami. Graph showing waveforms of tsunami observed at 3 tide stations at the locations shown on the map. Red triangles indicate the time maximum amplitudes were observed, whereas blue arrows indicate the 1st wave arrival time. The dotted line indicates the time the earthquake occurred. Kanazawa stations belongs to Hokuriku Bureau of the Ministry of Land, Infrastructure and Transport Japan (MLIT)

**IOC NEWS****ICG/ IOTWS-IV Mombasa, Kenya, 28 February to 2 March 2007**

By Tony Elliott, Head of ICG/IOTWS Secretariat,  
E-mail: [t.elliott@unesco.org](mailto:t.elliott@unesco.org)

The Fourth Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS) took place in Mombasa, Kenya from 28 February to 2 March 2007 at the Sarova Whitesands Hotel.

Progress since ICG/IOTWS-III (Bali, August 2006) was reviewed and the scope of activities planned for the next intersessional period was discussed. The meeting noted the extensive work undertaken by Member States during the intersessional period, and the encouraging progress around the region including the deployment of several deep ocean tsunami detection instruments. The continuing support of the interim tsunami advisory providers (PTWC and JMA) for the countries of the Indian Ocean rim was acknowledged, as was the opening of the IOC Jakarta Tsunami Information Centre (JTIC), and the capacity building and communications support from the IOC's International Tsunami Information Center (ITIC).

One of the main outcomes of the meeting was the formation of a Task Team to develop an implementation plan to establish an interoperable system for the

provision of tsunami watches for the Indian Ocean by the end of 2008, which is the target date for taking over this responsibility from PTWC and JMA.

The formation of the ICG/IOTWS Steering Group as a coordination mechanism for the IOTWS was recognised, and the outcomes of the first meeting of the group were noted, including a call to address sustainability issues for the system detection hardware which is currently being installed.

Dr Jan Sopaheluwakan of Indonesia was elected as Chair of the ICG/IOTWS for the next term, and Mr Rick Bailey of Australia and Dr Shailesh Nayak of India were elected as Vice Chairs.



View of the meeting room at the Sarova Whitesands Hotel in Mombasa.