

Tsunami Newsletter



INTERNATIONAL TSUNAMI INFORMATION CENTER - ITIC

SUMMARY OF PACIFIC BASIN EARTHQUAKES

Occurring February —March 2001

*With surface wave or moment magnitudes greater than or equal to 6.5,
with a depth no greater than 100 km, or an event for which a TIB or RWW was issued.
(Preliminary M_s provided by PTWC, Harvard's moment and depth through NEIC)*

DATE	LOCATION	TIME (UTC)	LAT.	LONG.	DEPTH (km)	M_s	M_w	PTWC ACTION	ACTION (UTC)	Tsunami
Febr. 13	El Salvador	14:22	13.6 N	89.1 W	28	6.5	6.6	—	—	No
Febr. 13	Southern Sumatra, Indonesia	19:29	4.6 S	102.9 E	29	7.2	7.4	TIB*	19:56	No
Febr. 24	Northern Molucca Sea	7:24	1.5 N	126.3 E	41	7.0	7.1	TIB	7:47	No
Febr. 28	Loyalty Islands	12:30	22 S	170.2	16	6.5	6.7	TIB	13:25	No
Febr. 28	Washington State, USA	18:55	47.2 N	122.7 W	59	6.4	6.8	—	—	No
March 19	Seram Indonesia	5:52	3.9 S	128.0 E	21	6.5	6.5	—	—	No
March 23	Western Honshu, Japan	6:28	34.1 N	132.6 E	48	6.4	6.8	—	—	No

*TIB=Tsunami Information Bulletin

ITSU OFFICERS MEETING



Seated in the first row from left to right; Richard Hagemeyer, National Weather Service's Pacific Region Director (host), François Schindelé (Chairman) and Michael Blackford (ITIC Director) Back Row, from left to right; Hugo Gorziglia (Past-Chairman) Viacheslav Gusiakov (IUGG/TC Chairman) Iouri Oliounine (IOC Representative), Chip McCreery (PTWC Director), Julián Reyna (ITSU XVIII Planning Liason from Colombia) and Rodrigo Nuñez (ITIC Associate Director).

The Officers of the International Coordinating Group of the Tsunami Warning System in the Pacific (ICG/ITSU) met in Honolulu February 6-9 for their biannual meeting. Besides discussing current issues of the Warning System, they also agreed on the agenda items for ITSU XVIII to be held in Cartenga Colombia. This meeting, will be held October 9 and 10. Details of the meeting will be mailed out to National Contacts. All National Contacts are encouraged to attend this meeting which will be held in conjunction with the IUGG/TC workshop entitled, "Tsunami Mitigation Beyond 2000." More about the workshop is included in this newsletter.

NATIONAL CONTACT UPDATE

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Thank you, Doak Cox!

ITIC recently received a generous contribution of tsunami materials from Doak Cox. We wish to extend our appreciation to him and inform you of some of the titles that were added to the collection as part of his donation.

Aichi Prefecture, Earthquakes, Disaster Prevention Committee, 1981, *Tsunami history in Aichi Prefecture*: Aichi, Japan.

Anderson, William, 1967, *Seismic Sea-wave warning in Crescent City, California, and Hilo, Hawaii*: Columbus, Ohio, The Disaster Research Center, Ohio State University, Disaster Research Center Report #13, 27 p.

Marine Geodesy, v. 2, no. 1 (1979).

Cox, D.C., ed., 1963, *Proceedings of the tsunami meetings associated with the Tenth Pacific Science Congress, Honolulu Hawaii, August 1961-September 30 1961*, IUGG Monographie 24.

De Lange, Willem Pieter, 1983, *Tsunami hazard: An investigation into the potential tsunami hazards of the Bay of Plenty Region using numerical models*, [dissertation]: New Zealand, University of Waikato.

Iida, Kumiji, 1987, *Documents on the Tensho Great Earthquake of 1586 [in Japanese]*: Nagoya, Japan, Nagoya University Press.

McCune, Shannon, 1973, *The geologic base of the Ryukyu Islands*: Gainesville, Florida, University of Florida, Department of Geography, Ryukyu Islands Project Research and Information Papers No. 20.

Morgan, J., 1979, *The tsunami hazard in Tohoku and the Hawaiian Islands*: Science Reports of the Tohoku University, 7th Series (Geography), v. 29, no. 2, p. 149-159.

Steinbrugge, Karl V., 1982, *Earthquakes, Volcanoes, and Tsunamis: An anatomy of hazards*: New York, Skandia America Group.

UPCOMING CONFERENCES

NATO Advanced Research Workshop on Underwater Ground Failures and Tsunami Generation, Risk, Modeling and Mitigation to be held in Istanbul, Turkey on May 23-26, 2001. The workshop organizers are Professors Yalciner and Pelinfsky. The home page is at <http://www.tsunami.metu.edu.tr/>.

ITS 2001— International Tsunami Symposium 2001 August 7-10, 2001 Seattle, Washington, USA

The principal aim of the symposium is to bring together scientists, engineers, and emergency managers from all over the world specializing in tsunami research and mitigation. They will exchange current information on technical advances and discuss progress in the science. The scope covers all aspects of tsunami phenomena such as tsunami generation, propagation and seismic focus; tsunami prediction and simulations; tsunami disasters and mitigation; instrumentation and observations; tsunami warning and preparedness; and tsunami data bases.

Meeting format:

Day 1: (Aug 7, 2001) Review of the U.S. Tsunami Hazard Mitigation Program (Open to the public, emergency managers, media)

Day 2-3: (Aug 8-9, 2000) Main scientific sessions

Day 4: (Aug 10, 2000) Field Trip to Washington coastline

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For a complete schedule or to register, visit the conference web site: <http://www.pmel.noaa.gov/its2001>.

Conferences, workshops and training seminars are now listed on the ITIC Web Page:
<http://www.shoa.cl/oceano/itic/frontpage.html>

‘Tsunami Mitigation Beyond 2000’

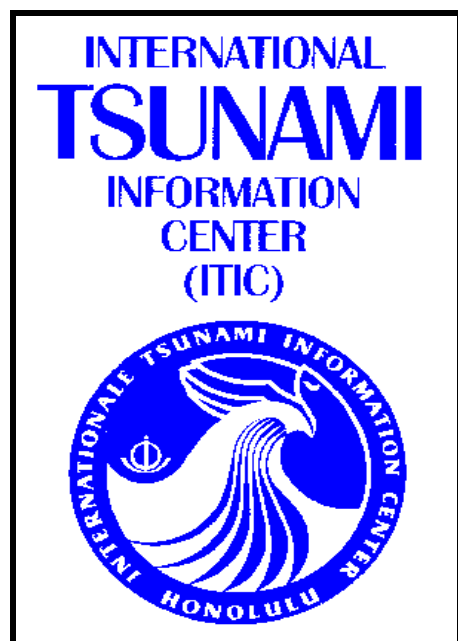
In response to the ITSU-XVII recommendations, the International Workshop ‘Tsunami Mitigation Beyond 2000’ will be organized in Cartagena, Colombia on October 5 to 6, 2001 in conjunction with the XVIII Session of the ICG/ITSU. This will be the third workshop of a series of three workshops organized jointly by the IUGG/TC and the ICG/ITSU. The focus of the first workshop held in Seoul, Korea in October of 1999 was on the operational aspects of tsunami warnings. The second workshop held in Moscow, Russia in June of 2000 was devoted to the methods of the long-term tsunami risk calculation and hazard assessment. The workshop in Cartagena will be mainly oriented on practical methods of tsunami mitigation and will be of interest to a wide community of researchers, emergency managers, decision makers and other practitioners dealing with assessment and mitigation of tsunami hazard. These workshops complement the recommendations of the Tsunami Master Plan of the further development of the tsunami program in the years after 2000 and assist in developing regional tsunami mitigation programs, e.g. in the Intra-America Sea region.

The objectives of the Cartagena workshop are: (1) to review state-of-the-art knowledge on tsunami mitigation and preparedness; (2) to exchange national experiences on the development of countermeasures; (3) to formulate recommendations on the actions required for tsunami disaster reduction.

Specific topics for the discussions during the Workshop will be:

- 1) reaction to tsunami warnings on national, regional and local levels
- 2) tsunami inundation maps, their impact on land use planning and construction codes
- 3) engineering methods of tsunami protection
- 4) tsunami education and public awareness, national and regional programs

The workshop format will include talks given by leading experts, presentations of participants and round-table discussions. The language of the Workshop will be English. **Deadline for Abstract Presentation: May 31, 2001. Registration through e-mail to workshop co-conveners. There will be no registration fee for attending the workshop. Workshop Co-conveners:**



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