

Class 2	60/60/70	55/55/60	50/50/50
Class 3	70/70/75	60/60/70	55/55/65
Class 4	80/80/80	70/70/70	65/65/65

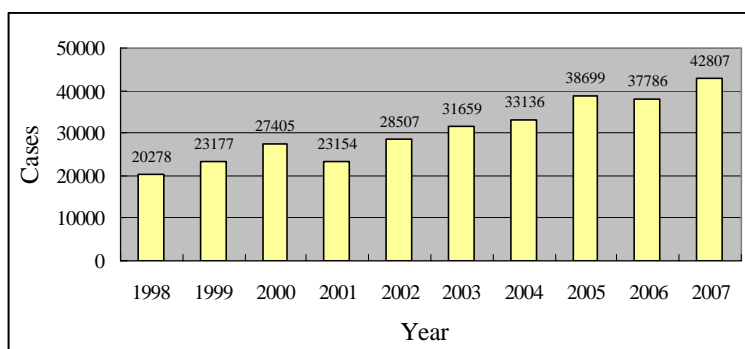
**Table 6: Low-frequency noise standard**

Noise Control Zone	Factory			Business places and entertainment establishments			Construction site		
	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime	Daytime	Evening	Nighttime
Class 1 & Class 2	42	42	39	35(40)	35	30	47	47	42
Class 3 & Class 4	47	47	44	40	40	35	49	49	44

### 3. Current status

#### 3.1 Number of complaints

The number of noise complaint was figured since 1988 as Figure 2, it have shown that the increase trend for a long time except 2001 and 2006. The annual increase rate is about 10%.



**Figure 2: The number of noise complaints from 1998 to 2007**

#### 3.2 Noise Sources

The noise sources are classified as factories, business places, entertainment establishments, construction sites, and public announcement facilities, traffic noise, military noise and others. In Figure 3, the complaint cases for business places and entertainment establishments increased sharply these ten years. Besides that, the cases exceeded the complaints for factories since

2000. It reveals that the life pattern changes in recent years and more and more people aware that the right of quieter environment.

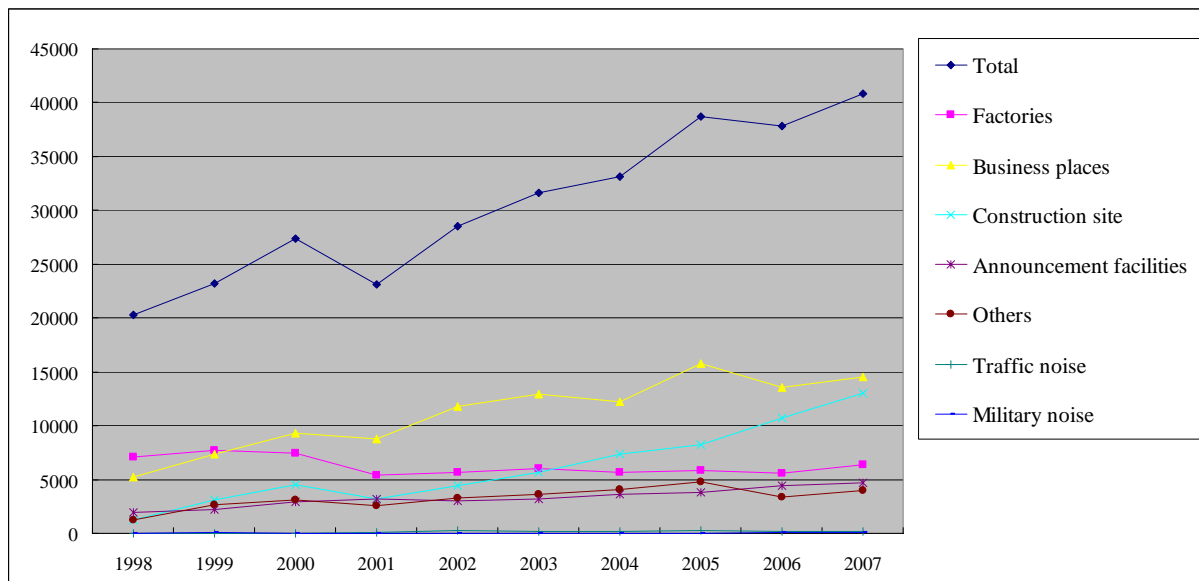


Figure 3: The trend of different noise complaint sources from 1998 to 2007

#### 4. Low frequency noise control situation

Control of low frequency noise arising from business and recreational premises has been enforced since 1 July 2005. The EPA has held several meetings to explain the low frequency noise standards and measurement method in public. As of the end of March, 2008, a total of 13,270 cases were inspected nation-wide. Non-compliance with low frequency noise level standards was found in 1,747 cases. If the cases is in The non-compliance rate was 13.2%, which was about 2.3 times that of general noise level standards. This indicates that low frequency noise indeed has adverse impact on people's life and that it was a correct direction to extend the scope of noise control to include low frequency noise. Since low frequency noise is highly penetrable, and it is more difficult to assess the level of nuisance it causes, the EPA has required local environmental protection agencies to reinforce noise improvement plans. The number of low frequency noise complaints has thus consequently been reduced by about 20%.

#### 5. Conclusion

For a better living environment, it is important to control the noise sources such as factories, business places, construction sites, vehicles, airports and so on. Not only making the stricter standards for all the noise sources, the EPA tried to alleviate the noise complaints by different ways like the noise source improvement guidance, to reduce the noise from production and reduce propagation. The EPA will continue to revise and discuss the noise standards to control the noise being emitted from noise producers.

Reference Statistical Report for Environmental Protection, 2007.

附件三 國際低頻噪音年會相關資訊

# Low Frequency 2008

## Conference Information

The 13th International Conference on Low Frequency Noise and Vibration and its Control will be held in Tokyo, JAPAN from 21st to 23rd October 2008.

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- [Deadlines](#)
- [Contact](#)
- [Offer a paper](#)
- [Conference program](#)
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- [Registration](#)
- [Mailing list](#)
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Dear LFNV2008 participants,

The 13th International Conference on Low Frequency Noise and Vibration and its Control, which has been held at Shiba Park Hotel in Tokyo, Japan, has been successfully finished on 23 October 2008. First of all, the Japan Executive Team would like to sincerely appreciate to all the participants and the accompanying persons for their cooperation to the conference.

We have got 64 conference participants and 6 accompanying persons from all over the world, and 36 interesting and informative research papers on low frequency noise and vibration and its control have been presented to the conference. These are great number of the papers, and we would also like to thank all the presenters for their contributions. We convince that this great success will continue to next conference, which will be held in Aalborg, Denmark, on 2010.

See you in the next conference and thank you again for all.

Sincerely yours,

Dr. Shinji Yamada, the Japan Executive Chairman of LFNV2008.

## **Conference Information:**

[The program of the conference](#) has been updated.

(Chairpersons was filled in on the program.)

The program of the conference has been opened.

[Instructions for presentation](#) has been opened.

[Registration information in Japanese](#) has been opened.

The list of papers has been opened.

The deadline for offering full paper has been extended.

Revised deadline of full paper: **31 August 2008**

**Abstract submission is closed.**

**Registration form is ready.**

Web form to register for the conference is ready in [here](#).

**The Leaflet of 2nd announcement of the conference was issued.**

you can download the leaflet [here](#).

## **Organization:**

[Japan executive team](#) led by Dr. Shinji Yamada, Director of Yamanashi Study Center, the University of the Air, Japan.

## **Advisers:**

Dr. Geoff Leventhall and Dr. Bill Tempest. In conjunction with Members of the Editorial Board of the Journal of Low Frequency Noise, Vibration and Active Control.

## **Who should attend:**

- Engineers, scientists and practitioners concerned with low frequency noise and vibration in industry and the environment and persons who wish to extend their knowledge in these areas.
- Public servants from health and environmental services.

## Topics:

The conference will cover all topics relating to low frequency noise and vibration, their effects and control. These include:

- Sources of infrasound, low frequency noise and vibration
- Detection measurement and analysis including wind turbine noise
- Propagation of infrasound and low frequency noise in the atmosphere and in buildings
- Propagation of vibration in the ground and in structures
- Perception of low frequency noise and vibration by man and animals
- Effects on man and animals
- Hand-arm vibration, whole-body vibration, vibroacoustic disease (VAD)
- Interaction of low frequency noise and vibration
- Vibrations caused by noise
- Radiation of noise from vibrating surfaces
- Problems and solutions
- Control of low frequency noise and vibration by passive and active methods
- Technical applications of low frequency noise and vibration
- Regulations and guidelines on low frequency noise and vibration

## Deadlines for papers:

**Abstracts:**

**Closed**

**Full papers for Conference Proceedings:**

**31 August 2008**(extended)

## Contact:

If you are interested in this conference or have an inquiry, please make a contact with [contact form](#) or mail to [organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org)

If you have some question on this conference, please use the same contact form.

## Offer a Paper:

Abstract submission was closed.

## Recommendations for authors:

Conference papers for the Proceedings should be sent by

[submission form](#) or e-mail to

[organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org) as a Word attachment.

Download the full author instructions [pdf here](#) for a pdf file or [Word here](#) for a Microsoft Word version.

## Instructions for presentation

A personal computer (PC) and a liquid crystal display (LCD) projector, as well as a laser pointer will be provided in the conference room, "Botan".

The PC is operated by Windows XP home edition in Japanese, and the software for presentation is Microsoft PowerPoint 2007 and Adobe Acrobat Reader. Note that any Macintosh computer will not be provided.

For preview of your presentation, a PC with the same specification will be provided at a room "RAN". The Executive Team strongly recommends checking your presentation beforehand, in order to avoid troubles in your presentation. The preview room will be open from Monday evening of 20th to 23rd October.

A CD-ROM or USB drive can be used to load files into the provided PC. If needed, the author can also connect your own laptop to the LCD projector.

Requests for special equipments must be noticed to the conference organizer before the conference. The Executive Team recommends using e-mail to [organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org) (carbon copy to [Imaizumi@lowfrequency2008.org](mailto:Imaizumi@lowfrequency2008.org)) for the notice. Each paper has 20 minutes for presentation. It includes oral presentation, discussion and changeover to the next author. For example, 15 minutes for the oral presentation, 3 minutes for the questions or discussions and 2 minutes for changeover to the next author may be ideal.

If authors can send the files for your presentations to the organizer before the conference by E-mail, the Executive Team checks it and puts it into the provided PC for presentation. The Web site <https://www.lowfrequency2008.org/form/submission.html> is convenient to send the files to the organizer. At that time, please fill the fields marked with asterisk (\*), and then upload your presentation files. Note that sizes of the files should be less than 20MB due to the network capacity. If your files are more than 20MB, please contact us individually by

[organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org)(carbon copy to  
[Imaizumi@lowfrequency2008.org](mailto:Imaizumi@lowfrequency2008.org)).

## Conference registration:

The delegate fee for the conference is ¥ 80,000(JPY) for a delegate and ¥ 20,000(JPY) for an accompanying person.

To convert JPY to any other currency use a [currency converter](#).

Web form to register is available [here](#). (Registration form is here as [Word file](#) or [pdf file](#).)

The registration fee includes welcome buffet on the Monday evening (20th October) before the conference, delegate lunch and coffee/tea breaks on the conference days, Conference Proceedings, social visits and conference dinner.

For accompanying persons the fee includes the accompanying persons programme of visits and the conference dinner.

Registration information in Japanese is available [here](#).

## Mailing List:

Join the [mailing list](#) for further information. To join, please provide your e-mail address and a password. You can change your subscription or unsubscribe at any time by returning to the mailing list homepage.

View the mailing list archives at [MI Archives](#).

## Accommodations and Location:

The conference will be held at Shiba Park Hotel, Tokyo.

Tokyo has been the capital of Japan since 1868. Today it is a dynamic metropolis with many sights for all interests.

The photo is [the Shiba Zojoji Temple](#), located near Shiba Park Hotel.

The Shiba Zojoji Temple(Quoted from Shiba Park Hotel Website)

## Special Room Rates:

Reservation have been made by the organizer for all participants (delegates) at special rates for Low Frequency 2008 at:

Shiba Park Hotel,

1-5-10, Shiba-Koen, Minato-ku, Tokyo 105-0011

Phone:+ 81-3-3433-4141, Fax:+ 81-3-3433-4142

<http://www.shibaparkhotel.com/en/>

Please contact organizer e-mail address to booking your hotel room and choose standard room or superior room, one person or two persons. [organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org)

## **Standard Room Rates (taxes, service charges and breakfast included)**

- ¥ 16,500(JPY) for one person
- ¥ 19,000(JPY) for two persons

## **Superior Room Rates (taxes, service charges and breakfast included)**

- ¥ 26,000(JPY) for one person
- ¥ 29,200(JPY) for two persons

Approximate conversions for JPY to other currencies is

¥ 1,000(JPY) ≈ \$ 9.3(USD) ≈ € 6.0(EURO)

but this may change.

To convert JPY to any other currency, use a [currency converter](#).

## **Travel to Shiba Park Hotel:**

### **By Airport Limousine Bus**

Narita International Airport to Hotel

We recommend you take an Airport Limousine Bus which goes directly to Shiba Park Hotel in about 2 hours. The bus stops in front of the hotel. The fare is ¥3,000(JPY) for one way. Bus schedule:

<http://www.shibaparkhotel.com/en/access/>

### **By Rail (Narita Express)**

Narita International Airport to Tokyo Station by train (about one hour), then take a taxi to Shiba Park Hotel (about 15 minutes).

Other options include the Keisei Sky Liner or other limousine bus companies for Tokyo, but these methods are less convenient, so we do not recommend them for reaching Shiba Park Hotel. The Narita Express will cost about ¥3,000(JPY) and taxi fare about ¥1,300(JPY). For train times, please visit

<http://www.narita-airport.jp/en/access/train/index.html>. The train runs from about 7:42 to 21:43, departing every 30 or 60 minutes.

See also

[http://www.jreast.co.jp/nex/timetable/from\\_narita/index.html](http://www.jreast.co.jp/nex/timetable/from_narita/index.html).

## **Conference Social Programme and Accompanying Persons Programme:**

The programme for all delegates and accompanying persons on Wednesday afternoon, 22 October, will be as follows :

12:00 - 13:30 Lunch



14:00          Tour of Tokyo  
[Edo-Tokyo Museum](#), [Asakusa Sensouji Temple](#)

18:30          Dinner at Asakusa

For accompanying persons, a guided tour in Tokyo has been arranged for Tuesday, 21 October starting from the hotel lobby at 10:00 and returning by 16:00 or 17:00. Lunch will be included.

## **Web Links:**

### **Tokyo & Japan**

- [Tokyo Metropolitan Government](#)
- [The Ministry of Foreign Affairs of Japan](#)
- [Tokyo Tourism Info](#)
- [Visit Japan Campaign](#)
- [Japan Travel and Living Guide](#)

### **Hotel and Traffic**

- [Shiba Park Hotel](#)
- [Narita International Airport](#)
- [Airport Limousine](#)
- [JR East \(East Japan Railway Company\)](#)
- [Keisei Skyliner \(Keisei Electric Railway\)](#)
- [Tokyo Metro](#)
- [JR Japan Rail Pass](#)

### **Local Host and Cooperation**

- [INCE/Japan](#)
- [Multi-science](#)

### **Related Conference**

- [INTER-NOISE 2008](#)  
Following Low Frequency 2008, INTER-NOISE 2008 will be held in Shanghai, China, from 26-29 October 2008.
-

Jointly organized by [the Journal of Low Frequency Noise and Vibration and Active Control \(Multi-Science Publishing Company Ltd\)](#) and [INCE/JAPAN](#)

Number of visitors since August 15, 2007: 0014549

Website maintained by Toshiya Kitamura (Japan executive team).

Original website designed by Lyn Leventhall.

[organizer@lowfrequency2008.org](mailto:organizer@lowfrequency2008.org)

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