



FOURTH JAPANESE–SWEDISH NOISE SYMPOSIUM ON MEDICAL EFFECTS, ROSENÖN, STOCKHOLM, SWEDEN, 16–19 AUGUST 2000

R. RYLANDER

Department of Environmental Medicine, University of Gothenburg, Gothenburg, Sweden

AND

Y. ANDO

Graduate School of Science and Technology, Kobe University, Rokkodai, Nada, Kobe, Japan

The fourth Japanese–Swedish symposium on noise effects on man followed a previously established tradition with informal presentations, plenty of time for discussions and personal interaction. The concept of soundscapes—proposed at the second Japanese–Swedish symposium [1]—has now established itself in terms of a completeness of environmental sounds and their interpretation, in contrast to the previous focus on the negative effects of specific noises. The collaboration between Japanese and Swedish researchers has continued in spite of increasingly meagre funding on both sides—ingenuity to find the resources for project costs and the use of electronic exchange of data has greatly contributed to its success.

The collaboration between countries with quite different social attitudes and perceptions of the environment has been particularly fruitful regarding the effect of transportation noises. The availability of high-exposure environments for aircraft noise in Japan has contributed to the understanding of noise-induced effects on the upper part of the dose–response scale and will allow a better interpretation of weaker data at lower exposure levels as being researched in Sweden. In perspective, we have also seen the emergence of a new generation of noise researchers. Aggressive research on new acoustical characteristics and their importance as well as the effects of new noises such as low-frequency noise and its effects illustrate this point.

One of the major goals of research on the effects of noise is to provide an improved basis for control of the soundscape, optimizing the impact of environmental sounds on humans. This symposium has brought forward important information for the fulfilment of this goal but there is still a lot of work to be done. Further collaborative work and additional symposia represent an important path to ultimately achieve this goal.

An alphabetical list of the participants in this Fourth Symposium, with their postal, telephone, fax and E-mail addresses is given in Appendix A.

REFERENCE

1. R. RYLANDER 1991 *Journal of Sound and Vibration* **151**, 361–547. Second Japanese/Swedish noise symposium on medical effects.

APPENDIX A: LIST OF PARTICIPANTS

Agneta Agge, Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden.
Tel.: + 46-31-773-3617, Fax: + 46-31-825004, E-mail: agneta.agge@envmed.gu.se.

Yoichi Ando (organizing committee), Graduate School of Science and Technology, Kobe University, Rokkodai, Nada, Kobe 657-8501 Japan. Tel./Fax: + 81-78-803-6038, E-mail: andoy@kobe-u.ac.jp.

Johanna Bengtsson, Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3621, Fax: + 46-31-825004, E-mail: johanna.bengtsson@envmed.gu.se.

Martin Björkman, Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3608, Fax: + 46-31-825004, E-mail: martin.bjorkman@envmed.gu.se.

Barbara Canlon, Physiology and pharmacology, Karolinska institutet, 171 77 Stockholm, Sweden. Tel.: + 46-8-728-7248, Fax: + 46-8-32-7026, E-mail: barbara.canlon@fyfa.ki.se.

Fumiyo Hayashi, Mie prefectural College of Nursing, 1-1-1 Yumegaoka, Tsu Mie 514-0116 Japan. Tel.: + 81-59-233-5619, Fax: + 81-59-233-5619, E-mail: fumiyo.hayashi@mcn.ac.jp.

Kozo Hiramatsu, Mukogawa Women's University, 6-46 Ikebiraki Nishinomiya 663-8558 Japan. Tel.: + 81-798-45-9853, Fax: + 81-798-45-9858, E-mail: nbg01036@nifty.ne.jp.

Kjell Holmberg, Technical Risk Factors, National Institute for Working Life, Box 7654, 907 13 Umeå, Sweden. Tel.: + 46-90-17-60-19, Fax: + 46-90-17-6116, E-mail: kjell.holmberg@niwl.se.

Tetsuya Kaneko, Department of Environmental Health, Kyorin University, 476 Miyashita-cho, Hachioji 192-8508, Japan. Tel.: + 81-426-91-0012, Fax: + 81-426-96-7187, E-mail: GHB05155@niftyserve.ne.jp.

Tomoyuki Kawada, Department of Public Health, Gunma University School of Medicine, Showa 3-39-22, Maebashi 371-8511, Japan. Tel.: + 81-27-220-8011, Fax: + 81-27-220-8016, E-mail: kawada@med.gunma-u.ac.jp.

Keiji Kawai, Faculty of Engineering, Kumamoto University, 2-39-1 Kurokami, Kumamoto 860-8555, Japan. Tel.: + 81-96-342-3567, Fax: + 81-96-342-3569, E-mail: kawai@arch.kumamoto-u.ac.jp.

Masaya Kuroiwa, Department of Public Health, Gunma University School of Medicine, Showa 3-39-22, Maebashi 371-8511, Japan. Tel.: + 81-27-220-8012, Fax: + 81-27-220-8012, E-mail: mkuroiwa@med.gunma-u.ac.jp.

Sonoko Kuwano, Department of Environmental Psychology, Faculty of Human Science, Osaka University, 1-2 Yamadaoka, Suita, Osaka 565-0871, Japan. Tel.: + 81-6-879-8022, Fax: + 81-6-879-8025, E-mail: kuwano@env.eng.osaka-u.ac.jp.

Toshihito Matsui, Department of Hygiene, Asahikawa Medical College, 2-1-1-1 Midorigaoka-higashi, Asahikawa 078-8510, Japan. Tel.: + 81-166-68-2403, Fax: + 81-166-68-2409, E-mail: matsui@asahikawa-med.ac.jp.

Takashi Miyakita, Department of Hygiene Kumamoto University, School of Medicine, 2-2-1 Honjo, Kumamoto 860, Japan. Tel.: + 81-96-373-5106, Fax: + 81-96-373-5108, E-mail: miyakita@gpo.kumamoto-u.ac.jp.

Kerstin Persson Waye, Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3604, Fax: + 46-31-825004, E-mail: kerstin.persson@envmed.gu.se.

Bo G. Pettersson, The National Board of Health and Welfare, 106 30 Stockholm, Sweden. Tel.: + 46-8-5555-3095, Fax: + 46-8-5555-3555, E-mail: bo.pettersson@sos.se.

Anna Preis, Institute of Acoustics, Adam Mickiewicz University, Umultowska 85, 61-614 Poznan, Poland. Tel.: + 48-61-8273-124, Fax: + 48-61-8273-123, E-mail: apraton@main.amu.edu.pl.

Ragnar Rylander (organizing committee), Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3601, Fax: + 46-31-825004, E-mail: ragnar.rylander@envmed.gu.se.

Hiroyuki Sakai, C/O Yoichi Ando, Graduate School of Science and Technology, Kobe University, Rokkodai, Nada, Kobe 657-8501, Japan. Tel./Fax: + 81-78-803-6471, E-mail: sakaih@kobe-u.ac.jp.

Hiroshi Sakamoto, Mie Occupational Health Promotion Center, 514-0028 Higashi-marunouchi 33-1, Tsu Mie, Japan. Tel.: + 81-59-213-0711, Fax: + 81-59-213-0712, E-mail: sanpo24@mx5.mesh.ne.jp.

Yosiaki Sasazawa, Department of Public Health, Gunma University School of Medicine, 3-39-22 Showa Maebashi 371-8511, Japan. Tel.: + 81-27-220-8012, Fax: + 81-27-220-8012, E-mail: sasazawa@med.gunma-u.ac.jp.

Shinichi Sato, C/O Yoichi Ando, Graduate School of Science and Technology, Kobe University, Rokkodai, Nada Kobe 657-8501, Japan. Tel. & Fax: + 81-78-803-6038, E-mail: andoy@kobe-u.ac.jp.

Tetsumi Sato, Faculty of Engineering, Hokkai Gakuen University, 1-1 Minami-26, Nishi 11, Chuo-ku, Sapporo 064-0926, Japan. Tel.: + 81-11-841-1161, Fax: + 81-11-551-2951, E-mail: sato@arc.hokkai-s-u.ac.jp.

Annbritt Skånberg, Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3613, Fax: + 46-31-825004, E-mail: annbritt.skånberg@envmed.gu.se.

Yuji Tamura, Department of Traffic Mechanical Engineering, Tokyo University of Mercantile Marine, 2-1-6 Etyujima, Koto Tokyo 135 Japan. Tel. & Fax: + 81-3-5245-7472, E-mail: tamura@ipc.tosho-u.ac.jp.

Takashi Yano, Faculty of Engineering, Kumamoto University, 2-39-1 Kurokami, Kumamoto 860-0862, Japan. Tel.: + 81-96-342-3560, Fax: + 81-96-342-3569, E-mail: Yano@gpo.kumamoto-u.ac.jp.

Yvonne Peterson (organizing committee), Department of Environmental Medicine, Box 414, 405 30 Gothenburg, Sweden. Tel.: + 46-31-773-3602, Fax: + 46-31-825004, E-mail: yvonne.peterson@envmed.gu.se.

ICBEN participants

Truls Gjestland, SINTEF Telecom and Informatics, N-7465 Trondheim, Norway. Tel.: + 47-73-59-2645, Fax: + 47-73-59-1412, E-mail: truls.gjestland@informatics.sintef.no.

KFB-participant

Claes Unge, Kommunikationsforskningsberedningen (KFB), Box 5706, 114 87 Stockholm, Sweden. Tel.: + 46-8-459-1700, Fax: + 46-8-662-6609, E-mail: claes.unge@kfb.se.