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The social side of noise annoyance (De sociale kant van geluidhinder)

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References

- Adams, J. S. (1965). Inequity in social exchange. In L. Berkowitz (Ed.), *Advances in Experimental Social Psychology*, (Vol.2, pp 267-299). New York: Academic Press.
- Adams, J. (1981). What noise annoys? In J. Adams (Ed.), *Transport Planning*, (pp. 254–258). *Vision and Practice*, London: Routledge.
- Alexandre, A. (1976). An assessment of certain causal models used in surveys on aircraft noise annoyance. *Journal of Sound and Vibration*, 44(1), pp. 119-125.
- Allport, G. W. (1985). The historical background of social psychology. In G. Lindzey & E. Aronson (Eds.), *The Handbook of Social Psychology*, (3rd ed., Vol. 1, pp. 1-46). New York: McGraw-Hill.
- Aronson, E., Wilson, T. D., and Akert, R. M. (2002). *Social Psychology* (4th ed.). New Jersey: Prentice Hall.
- Avery, D. R., and Quiñones, M. A. (2004). Individual differences and the voice effect. The moderating role of value of voice, *Group & Organization Management*, 29(1), 106-124.
- Baron, R. M., and Kenny, D. A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations, *Journal of Personality and Social Psychology*, 51, 1173–1182.
- Berglund, B., Berglund, U., and Lindvall, T. (1975). Scaling loudness, noisiness, and annoyance of aircraft noise. *Journal of the Acoustical Society of America*, 57(4), pp. 930-934.
- Bies, R. J., and Moag, J. S. (1986). Interactional justice: Communication criteria of fairness. In: R. J. Lewicki, B. H. Sheppard, & M. H. Bazerman (Eds.), *Research on Negotiation in Organizations*, Vol. 1, pp. 43-55, JAI Press, Greenwich, Connecticut.
- Bies, R. J., and Shapiro, D. L. (1988). Voice and justification: Their influence on procedural fairness judgments, *Acad. Manage J.* 31, 676–685.
- Botteldooren, D., Lercher, P., and De Muer, T. (2004). The influence of active coping on the adverse effects of noise, *Internoise 2004*, Prague, Czech Republic, 22–25 August.
- Botteldooren, D., Verkeyn, A., Cornelis, C., and De Cock, M. (2001). On the meaning of noise annoyance modifiers: A fuzzy set theoretical approach. *Acta Acustica united with Acustica*, 88, pp. 239-251.
- Breeman, G. E. (2006). *Cultivating trust. How do public policies become trusted?* Doctoral thesis at Universiteit Leiden. Rotterdam: Optima Grafische Communicatie, ISBN 90-8559-133-3.
- Broadbent, D. E. (1972). Individual difference in annoyance by noise. *Sound*, 6, pp. 56-61.
- Bröer, C. (2002). Sound, meaning and politics. The social construction of noise annoyance, *Forum Acusticum*, Sevilla, Spain, 16–20 September.
- Bröer, C. (2006). *Beleid Vormt Overlast. Hoe beleidsdiscoursen de beleving van geluid bepalen*. Aksant. Published thesis, Universiteit van Amsterdam, The Netherlands.
- Bröer, C. (2007). Noise annoyance and policy: How policy shapes non-acoustical factors. *Inter-Noise 2007*, August 28-31, Istanbul, Turkey.
- Brosnan, S. F. (2006). Nonhuman species' reactions to inequity and their implications for fairness, *Social Justice Research*, 19(2), pp. 153-185.
- Brown, A. L., Hall, A., Kyle-Little, J. (1985). Response to a reduction in traffic noise exposure. *Journal of Sound and Vibration*, 98(2), pp. 235-246.
- Brown, A. L. (1987). Responses to an increase in road traffic noise. *Journal of Sound and Vibration*, 117(1), pp. 69-79.
- Bijsterveld, K. (2008). *Mechanical sound. Culture and public problems of noise in the 20th. Century*. Accepted and under contract with MIT Press for the Inside Technology Series.
- Campbell, J. M. (1983). Ambient stressors, *Environment and Behavior*, 15, 355–378.
- Cederlöf, R., Jonsson, E., and Sörenson, S. (1967). On the influence of attitudes to the source on annoyance reactions to noise. A field experiment. *Scandinavian Journal of Work, Environment & Health*, 48, pp. 46–59.
- Cohen, J. (2004). Parasocial break-up from favorite characters: The role of attachment styles and relationship intensity, *Journal of Social and Personal Relationships*, 21(2), 187-202.
- Cohen, J., and Cohen, P. (1983). *Applied multiple regression/correlation analysis for the behavioural sciences*. Hillsdale: Lawrence Erlbaum.
- Cohen, R. L. (1986). *Justice: Views from Social Sciences*, New York: Plenum.
- Cohen, S., and Spacapan, S. (1984). The social psychology of noise. In: D. M. Jones and A. J. Chapman (Eds.), *Noise and Society*, Chichester: John Wiley & Sons, Chapter 9, pp. 221-245.
- Colquitt, J. A., Conlon, D. E., Wesson, W. J., Porter, C. O. L. H., and Ng, K. Y. (2001). Justice at the millennium: A meta-analytic review of 25 years of organizational justice research, *Journal of Applied Psychology*, 86, 425–445.
- Cropanzano, R., and Randall, M. L. (1995). Advance notice as a means of reducing relative deprivation, *Social Justice Research*, 8, 217–238.
- De Heus, P., Van der Leeden, R., and Gazendam, B. (1995). *Toegepaste Data-Analyse. Technieken voor Niet-Experimenteel Onderzoek in de Sociale Wetenschappen*. Elsevier gezondheidszorg, Maarssen.
- Deutsch, M. (1975). Equity, equality, and need: What determines which value will be used for distributive justice? *Journal of Social Issues*, 31, 137-150.
- Dubois, D. (2000). Categories as acts of meaning: The case of categories in olfaction and audition, *Cognitive Science Quarterly*, 1, 35-68.
- Dubois, D., Guastavino, C., and Raimbault, M. (2006). A cognitive approach to urban soundscapes: Using verbal data to access everyday life auditory categories, *Acta Acustica united with Acustica*, 92, 865-874.
- Ellermeier, W., Eigenstetter, M., & Zimmer, K. (2001). Psychoacoustic correlates of individual noise sensitivity. *Journal of the Acoustical Society of America*, 109 (4), pp. 1464- 1473.
- European Communities (2002). *Health statistics. Key data on Health 2002. Data 1970-2001, 2002 edition*. Publication of the European Commission. Retrieved from internet 11 April 2007, http://epp.eurostat.ec.europa.eu/cache/ITY_OFFPUB/KS-08-02-002/EN/KS-08-02-002-EN.PDF

- European Commission (1996). Green paper on future noise policy. Retrieved from internet 11 April 2007, http://europe.eu/documents/comm/green_papers/com96_540/summary_en.htm, and 27 April 2008, <http://ec.europa.eu/environment/noise/greenpap.htm>
- Evans, G. W., Hygge, S., and Bullinger, M. (1995). Chronic noise and psychological stress, *Psychological Science*, 6, 333–338.
- Faburel, G., and Luchini, S. (2000). The social cost of airport noise: The contingent valuation method applied to Paris-Orly airport. In: D. Cassereau (Ed.), *Proceedings of the 29th International Congress of Noise Control Engineering (InterNoise)*, August, 27–31, Nice, France, pp. 3401-3407.
- Fidell, S., Schultz, T., and Green, D. M. (1988). A theoretical interpretation of the prevalence of noise-induced annoyance in residential populations, *Journal the Acoustical Society of America*, 84, 2109–2113.
- Fidell, S., Silvati, L., and Haboly, E. (2002). Social survey of community response to a step change in aircraft noise exposure. *Journal of the Acoustical Society of America*, 111(1), pp. 200-209.
- Fidell, S., Barber, D. S., and Schultz, T. J. (1991). Updating a dosage effect relationship for the prevalence of annoyance due to general transportation noise. *Journal of the Acoustical Society of America*, 89 (1), pp. 221-233.
- Fidell, S. (2003). The Schultz curve 25 years later: A research perspective. *Journal of the Acoustical Society of America*, 114 (6), pp. 3007-3015.
- Fidell, S., Schultz, T., and Green, D. M. (1988). A theoretical interpretation of the prevalence of noise-induced annoyance in residential populations. *Journal of the Acoustical Society of America*, 84 (6), pp. 2109- 2113.
- Fields, J. M. (1984). The effect of numbers of noise events on people's reactions to noise: An analysis of existing survey data. *Journal of the Acoustical Society of America*, 75 (2), pp. 447-467.
- Fields, J. M. (1990). Explaining community response at low noise levels: Evidence and a theoretical perspective. *Proceedings of Noise-Con*, Austin, Texas, October 15-17, pp. 209-214.
- Fields, J. M. (1993). Effect of personal and situational variables on noise annoyance in residential areas. *Journal of the Acoustical Society of America*, 93(5), pp. 2753-2763.
- Fields, J. M. (1998). Reactions to environmental noise in an ambient noise context in residential areas. *Journal of the Acoustical Society of America*, 104 (4), pp. 2245-2260.
- Fields, J. M. (2001). NASA/CR-2001-211257. An updated catalog of 521 social surveys of residents' reactions to environmental noise (1943-2000). Washington DC National Aeronauts and Space Administration.
- Fields, J. M. (2003). *Community response research: A social structure perspective*. Plenary session presentation at the International Commission on Biological Effects of Noise (ICBEN), Rotterdam, The Netherlands, July 3rd. 2003.
- Fields, J. M., De Jong, R. G., Gjestland, T., Flindell, I. H., Job, R. F. S., Kurra, S., et al. (2001). Standardized general-purpose noise reaction questions for community noise surveys: research and a recommendation. *Journal of Sound and Vibration*, 242(4), pp. 641-679.
- Fields, J. M., Ehrlich, G. E., and Zador, P. (2000). Theory and design tools for studies of reactions to abrupt changes in noise exposure, *NASA Contractor Report CR-2000-210280*, NASA Langley Research Center, Hampton, VA. Accessed from the internet, 24 February 2006, http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20010011059_2001008078.pdf (last viewed 10/18/07).
- Fields, J. M., & Walker, J. G. (1982). Comparing the relationship between noise level and annoyance in different surveys: A railway noise vs. aircraft and road traffic comparison. *Journal of Sound and Vibration*, 81(1), pp. 51-80.
- Folger, R. (1977). Distributive and procedural justice: Combined impact of "voice" and improvement of experienced inequity, *Journal of Personality and Social Psychology*, 35, pp. 108-119.
- Folkman, S. (1984). Personal control and stress and coping processes: A theoretical analysis. *Journal of Personality and Social Psychology*, 46(4), 839-852.
- Flindell, I. H., and Witter, I. J. (1999). Non-acoustical factors in noise management at Heathrow Airport, *Noise and Health*, 3, 27–44.
- Giles, D. C. (2002). Parasocial interaction: A review of the literature and a model for future research, *Mediapsychology*, 4, 279-305.
- Glass, D.C., and Singer, J. E. (1972). *Urban Stress. Experiments on Noise and Social Stressors* (Academic Press, New York).
- Goodman, R. F., and Clary, B. B. (1976). Community attitudes and action in response to airport noise. *Environment and Behavior*, 8(3), pp. 441-470.
- Green, D. M., & Fidell, S. (1991). Variability in the criterion for reporting annoyance in community noise surveys. *Journal of the Acoustical Society of America*, 89 (1), pp. 234-243.
- Greenberg, J. (1993). The social side of fairness. Interpersonal and informational classes of organizational justice. In: R. Cropanzano (Ed.), *Justice in the workplace: Approaching fairness in human resource management*, Hillsdale, NJ: Lawrence Erlbaum Associates, pp 79-103.
- Guastavino, C. (2006). The ideal urban soundscape: Investigating the sound quality of French cities, *Acta Acustica united with Acustica*, 92, 945–951.
- Guastavino, C. (2007). Categorizations of environmental sounds, *Canadian Journal of Psychology*, 61, pp. 54–63.
- Guastavino, C., Katz, B. F. G., Polack, J.-D., Levitin, D. J., and Dubois, D. (2005). Ecological validity of soundscape reproduction, *Acta Acustica united with Acustica*, 91, pp. 333–341.
- Guski, R. (1999). Personal and social variables as co-determinants of noise annoyance. *Noise & Health*, 3, 45-65.
- Guski, R. (2001). Environmental stress and health. In: N. J. Smelser and P. B. Baltes (Eds.), *International Encyclopaedia of the Social and Behavioural Sciences* (Vol. 7), Oxford, UK: Elsevier, pp. 4667–4671.
- Guski, R., Felscher-Suhr, U, and Schuemer, R. (1999). The concept of noise annoyance: How international experts see it. *Journal of Sound and Vibration*, 223 (4), 513-527.
- Hall, F. L., Birnie, S. E., Taylor, M., and Palmer, J. E. (1981). Direct comparison of community response to road traffic noise and to aircraft noise. *Journal of the Acoustical Society of America*, 70(6), pp. 1690-1698.
- Hall, F. L., Taylor, S. M., & Birnie, S. E. (1985). Activity interference and noise annoyance. *Journal of Sound and Vibration*, 103 (2), pp. 237-252.

- Harinck, F., Van Dijk, E., Van Beest, I., and Mersmann, P. (2007). When gains loom larger than losses: Reversed loss aversion for small amounts of money. *Psychological Science*, 18(12), pp. 1099-1105.
- Hatfield, J., Job, S. R. F., Hede, A. J., Carter, N. L., Peplow, P., Taylor, R., and Morrell, S. (2002). Human response to environmental noise; The role of perceived control. *International Journal of Behavioral Medicine*, 9(4), pp. 341-359.
- Haugg, E., and Vogt, J. (2002). *Annoyance reduction due to the heli-scheduler at Augsburg regional airport*. Paper presented at the 43rd Conference of the Deutsche Gesellschaft für Psychologie, Berlin, Germany, 22–26 September.
- Heider, F., and Simmel, M. (1944). An experimental study of apparent behavior, *American Journal of Psychology*, 57, pp. 243–259.
- Herzberg, F., Mausner, B. and Snyderman, B. B. (1959). *The motivation to work*. New York: Wiley.
- Horton, D., and Wohl, R. R. (1956). Mass communication and parasocial interaction, *Psychiatry*, 19, pp. 215-229.
- Huitema, B. E. (1980). *The Analysis of Covariance and Alternatives*, John Wiley & Sons, New York.
- Hygge, S., Evans, G. W., and Bullinger, M. (2002). A prospective study of some effects of aircraft noise on cognitive performance in schoolchildren, *Psychological Science*, 13(5), pp.469-474.
- Janssen, S. A., Spinhoven, P., and Arntz, A. (2004). The effect of failing to control pain: An experimental investigation, *Pain*, 107, pp. 227–233.
- Job, R. F. S. (1988). Community response to noise: A review of factors influencing the relationship between noise exposure and reaction, *Journal of the Acoustical Society of America*, 83 (3), pp. 991-1001.
- Job, R. F. S., and Hatfield, J. (2001). The impact of soundscape, enviroscape, and psychscape on reactions to noise: Implications for evaluation and regulation of noise effects. *Noise Control Engineering Journal*, 49(3), pp.120-124.
- Job, R. F. S., Hatfield, J., Carter, N. L., Peplow, P., Taylor, R., and Morrell, S. (2001). General scales of community reaction to noise (dissatisfaction and perceived affectedness) are more reliable than scales of annoyance. *Journal of the Acoustical Society of America*, 110(2), pp. 939-946.
- Jonsson, E., and Sörensen, S. (1967). On the influence of attitudes to the source on noise annoyance reactions to noise. An experimental study. *Nordic Hygienist Tidskrift*, 48, 35-45.
- Jue, G. M., Shumaker, S. A., and Evans, G. W. (1984). Community opinion concerning airport noise-abatement alternatives. *Journal of Environmental Psychology*, 4, pp. 337-345.
- Klin, A. (2000). Attributing social meaning to ambiguous visual stimuli in higher-functioning Autism and Asperger syndrome: The social attribution task, *Journal of Children Psychology and Psychiatry*, 41, pp. 831–846.
- Korenromp, J. (2000). *Als ik de marels zo hoor roepen*. (When I hear the black-tailed godwits call), [CD-Rom]. Privately published recordings of bird song. Available from Jos Korenromp, Schaepmanstraat 26, 7141 TP Groenlo, The Netherlands.
- Lazarus, R. S. (1966). *Psychological Stress and the Coping Process*. New York: McGraw-Hill.
- Lazarus, R. S., and Folkman, S. (1984). *Stress, Appraisal and Coping*, Springer, New York.
- Lefcourt, H. M. (1973). The function of the illusions of control and freedom. *American Psychologist*, 28(5), pp. 417-425.
- Lercher, P. (1996). Environmental noise and health: An integrated research perspective, *Environment International*, Vol 22., pp.117-129.
- Leventhal, G. S. (1976). Fairness in social relationships, in *Contemporary Topics in Social Psychology*, edited by J. W. Thibaut, J. T. Spence, and R. C. Carson (General Learning, Morristown, NJ), pp 211-240.
- Leventhal, G. S. (1980). What should be done with equity theory?: New approaches to the study of fairness in social relationships. In: K. J. Gergen, M. S. Greenberg, & R. H. Willis (Eds.), *Social Exchange: Advances in Theory and Research*, pp. 27-54, Plenum, New York.
- Lind, E. A., Kanfer, R., and Earley, P. C. (1990). Voice, control, and procedural justice: Instrumental and noninstrumental concerns in fairness judgments, *Journal of Personality and Social Psychology*, 59, pp. 952–959.
- Lind, E. A., and Tyler, T. R. (1988). *The Social Psychology of Procedural Justice*, Plenum Press, New York.
- MacKinnon, D. P., Fairchild, A. J., and Fritz, M. S. (2007). Mediation analysis, *Annual Review of Psychology*, 58, pp. 593–614.
- Maris, E., Stallen, P. J., Steensma, H., and Vermunt, R. (2004a). The influence of procedural fairness on evaluations of noise, *IAPS 2004*, Vienna, Austria, 7–10 July.
- Maris, E., Stallen, P. J., Steensma, H., and Vermunt, R. (2004b). The influence of procedural fairness on evaluations of noise, *Internoise 2004*, Prague, Czech Republic, 22–25 August.
- Maris, E., Stallen, P. J., Steensma, H., and Vermunt, R. (2006). (Un)Sound management. Three laboratory experiments on the effect of social nonacoustical determinants of noise annoyance, *Internoise 2006*, Honolulu, Hawaii, USA, 3-6 December.
- Maris, E., Stallen, P. J., Steensma, H., and Vermunt, R. (2007). Geluidhinder: Decibels of onrechtvaardige procedures? De bijdrage van Social (In)Justice Theory aan de verklaring van geluidhinder, *Gedrag en Organisatie*, 20(4), pp. 445-460.
- Maris, E., Stallen, P. J., Vermunt, R., and Steensma, H. (2007a). Noise within a social context: Annoyance reduction through fair procedures, *Journal of the Acoustical Society of America*, 121, pp. 2000–2010.
- Maris, E., Stallen, P.J., Vermunt, R., and Steensma, H. (2007b). Evaluating noise in social context: The effect of procedural unfairness on noise annoyance judgments, *Journal of the Acoustical Society of America*, 122, pp.3483-3494.
- Maslow, A. H. (1954). *Motivation and Personality*. New York: Harper and Row.
- Matthies, E., Höger, R., and Guski, R. (2000). Living on polluted soil. Determinants of stress symptoms, *Environment and Behavior*, 32, pp. 207–286.
- Mazuil, M. and Vogt, J. (2002). Can a telephone service reduce annoyance?, 43rd. Conference of the Deutsche Gesellschaft für Psychologie, Berlin, Germany, 22-26 September.
- McKenna, M. T., Michaud, C. M., Murray, C. J. L., Marks, J. S. (2005). Assessing the burden of disease in the United States using Disability-Adjusted Life Years. *American Journal of Preventive Medicine*, 28(5), pp. 415-423.
- McLean, E. K., and Tarnopolsky, A. (1977). Noise, discomfort and mental health. A review of the socio-medical implications of disturbance by noise. *Psychological Medicine*, 7 (1), pp. 19-62.
- Merton, R. K., and Rossi, A. S. (1957). Contributions to the theory of reference group behavior. In R. K. Merton (Ed.), *Social Theory and Social Structure*, (rev. ed., pp. 225-280), New York: Free Press.
- Miedema, H. M. E. (2007). Annoyance caused by environmental noise: Element for evidence-based noise policies. *Journal for Social Issues*, 63(1), pp. 41-57.

- Miedema, H. M. E., & Vos, H. (1998). Exposure-response relationships for transportation noise. *Journal of the Acoustical Society of America*, 104(6), pp. 3432-3445.
- Miedema, H. M. E., & Vos, H. (1999). Demographic and attitudinal factors that modify annoyance from transportation noise. *Journal of the Acoustical Society of America*, 105(6), pp. 3336-3344.
- Miedema, H. M. E., & Vos, H. (2003). Noise sensitivity and reactions to noise and other environmental conditions. *Journal of the Acoustical Society of America*, 113 (3), pp. 1492-1502.
- Miedema, H. M. E., Vos, H., and De Jong, R. G. (2000). Community reaction to aircraft noise: Time-of-day penalty and tradeoff between levels of overflights. *Journal of the Acoustical Society of America*, 107(6), pp. 3245-3253.
- Miedema, J. (2003). *Fairness and the Self*, Dissertatiereeks Kurt-Lewin Instituut, 2003-9.
- Miedema, J. (2006). Why fairness matters, *Social Justice Research*, Vol. 19(2), pp.228-253
- Mikula, G. (2001) "Justice: Social psychological perspective", in: *International Encyclopedia of the Social and Behavioral Sciences*, edited by: N. J. Smelser and P. B. Baltes, pp. 8063-8067 (Elsevier, Amsterdam, The Netherlands).
- Miyakawa, M., Matsui, T., Matsui, Y., Murayama, R., Uchiyama, I., Itoh, T., and Yoshida, T. (2004). Physiological effects of noise on salivary chromogranin A (CgA) as a measure of stress response, *Internoise 2004*, Prague, Czech Republic, 22-25 August.
- Montada, L. (2001), Justice and its many faces: Cultural concerns, in: *International Encyclopedia of the Social and Behavioral Sciences*, edited by: N. J. Smelser and P. B. Baltes, pp. 8037-8042 (Elsevier, Amsterdam, The Netherlands).
- Myncke, H., and Cops, A. (1985). *Lawaabeheersing [Noise control]*. De Nederlandse Boekhandel, Antwerpen ISBN 90-289-0890-0
- Murphy, M. (2002, March 28). "Silence machine" zaps unwanted noise, *New Scientist*, retrieved from internet April 11th, 2007: <http://www.newscientist.com/article.ns?id=dn2094&print=true>
- NSG (2007). Geluidshinder. Milieuprobleem van de toekomst. Topprioriteit voor NSG. Uitgave van Nederlandse Stichting Geluidshinder. Drukker: Graphic Support. Retrieved from internet 11 April 2007 from <http://www.nsg.nl/showpdf.php?fileid=19>
- Nicholas, D. (2003). *Urban Europe 1100-1700*. Palgrave Macmillan, Hampshire, UK
- Öhrström, E., Björkman, M., & Rylander, R. (1988). Noise annoyance with regard to neurophysiological sensitivity, subjective noise sensitivity and personality variables. *Psychological Medicine*, 18, pp. 605-613.
- Ouis, D. (2001). Annoyance from road traffic noise: A review, *Journal of Environmental Psychology*, 21, pp. 101-120.
- Ouis, D. (2002). Annoyance caused by exposure to road traffic noise: An update, *Noise and Health*, 4, pp. 69-79.
- Pedersen, E., and Persson Waye, K. (2004). Perception and annoyance due to wind turbine noise – a dose-response relationship. *Journal of the Acoustical Society of America*, 116 (6), pp. 3460-3470.
- Pedersen, E., Persson Waye, K., and Hallberg, L. R.-M. (2004) "Living close to wind turbines – A qualitative approach to a deeper understanding," Paper presented at the 33rd. International Congress and Exposition on Noise Control Engineering (Inter-Noise), August 22-25, Prague, Czech Republic.
- Preacher, K. J., and Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models, *Behavior Research Methods, Instruments & Computers*, 36, pp. 717-731.
- Robin, M., Ratiu, E., Matheau-Police, A., and Lavarde, A. M. (2004). The evaluation of urban stressors. A preliminary report, *IAPS, Vienna, Austria*, 7-9 July.
- Schomer, P. D. (1988). On a theoretical interpretation of the prevalence rate of noise-induced annoyance in residential populations—High-amplitude impulse-noise environments, *Journal of the Acoustical Society of America*, 86, pp. 835-836.
- Schomer, P. D. (2005). Criteria for assessment of noise annoyance. *Noise Control Engineering Journal*, 53(4), pp. 132-144.
- Schreckenberg, D. (2007). Trust in authorities, expectations with regard to airport extension and annoyance at Frankfurt Airport. ANNA-in-Depth meeting 11th May 2007 at National Aerospace Laboratory, Amsterdam.
- Schultz, T. J. (1978). Synthesis of social surveys on noise annoyance. *Journal of the Acoustical Society of America*, 64 (2), pp. 377-405.
- Schultz, T. J. (1982). *Community Noise Rating*. 2nd. Ed. Applied Science Publishers, London, UK
- Schümer, R. (1974). *DFG-forschungsbericht fluglärmwirkungen. Sozialwissenschaftlicher ergänzungsbericht* (The impact of aircraft noise. An interdisciplinary study into the consequences of aircraft noise for people. Additional social scientific report), Bolt, Boppard, Germany.
- Schümer-Kohrs, A., and Schümer, R. (1974). *DFG-forschungsbericht fluglärmwirkungen. Hauptbericht. Der sozialwissenschaftliche untersuchungsteil* (The impact of aircraft noise. An interdisciplinary study into the consequences of aircraft noise for people. Main report. The social scientific part), Bolt, Boppard, Germany, pp. 150-246.
- Sherrod, D. R., Hage, J. N., Halpern, P. L., and Moore, B. S. (1977). Effects of personal causation and perceived control on responses to an aversive environment: The more control, the better. *Journal of Experimental Social Psychology*, 13, pp. 14-27.
- Shrout, P. E., and Bolger, N. (2002). Mediation in experimental and nonexperimental studies: New procedures and recommendations, *Psychological Methods*, 7, pp. 422-445.
- Smith, A. (1989). A review of the effects of noise on human performance, *Scandinavian Journal of Psychology*, 30, pp. 185-206.
- Smith, A. and Stansfeld, S. (1986). Aircraft noise exposure, noise sensitivity, and everyday errors. *Environment and Behavior*, 18 (2), pp. 214-226.
- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. In: S. Leinhardt (Ed.), *Sociological Methodology 1982*, San Francisco, CA: Jossey-Bass, pp. 290-312.
- Sörenson, S. (1970). On the possibilities of changing the annoyance reaction to noise by changing the attitudes to the source of annoyance. *Nordisk Hygienisk Tidskrift*, Supplement 1, pp. 3-76.
- Southgate, D. (2002). *Expanding ways to describe and assess aircraft noise*, EC Conference on Good Practice in Integration of Environment into Transportation Policy, Bruxelles, Belgium, 10-11 October. Retrieved 21 March 2007 from http://ec.europa.eu/environment/gpc/pdf/ws2d_southgate.pdf .
- Staats, H. J., and De Jong, H. J. (1993). A conceptual model for noise annoyance in outdoor recreational settings. In: *Noise and Man '93*. Noise as a public health problem. Proceedings of the 6th. International Congress (Inrets), 5-9 July, Nice, France, Vol 2., pp 609-612.
- Stallen, P. J. M. (1999). A theoretical framework for environmental noise annoyance, *Noise and Health*, 3, pp. 69-79.
- Stansfeld, S. A. (1992). Noise, noise sensitivity and psychiatric disorder: epidemiological and psychophysiological studies. *Psychological Medicine*. Monograph Supplement 22, pp. 1-44.

- Staples, S. L. (1996). Human response to environmental noise. Psychological research and public policy, *American Psychologist*, 51, pp. 143–150.
- Staples, S. L. (1997). Public policy and environmental noise: Modelling exposure or understanding effects, *American Journal of Public Health*, 87, pp. 2063–2067.
- Staples, S. L., Cornelius, R. R., and Gibbs, M. S. (1999). Noise disturbance from a developing airport: Perceived risk or general annoyance? *Environment and Behavior*, 31(5), pp. 692-710.
- Steensma, H., and Doreleijers, C. (2003). Personnel selection: Situational test or employment interview? The validity versus justice dilemma, *Journal of Individual Employment Rights*, 10, pp. 215–232.
- Steensma, H., and Otto, L. (2000). Perception of performance appraisal by employees and supervisors: Self-serving bias and procedural justice, *Journal of Collective Negotiations in the Public Sector*, 29, pp. 307–319.
- Stevens, J. P. (2002). *Applied Multivariate Statistics for the Social Sciences*, 4th. Edition, Lawrence Erlbaum Associates, London.
- Tafalla, R. J., Evans, G. W., and Chen, A. (1988). Noise and human performance: The potential role of effort. In B. Berglund, U. Berglund, J. Karlsson, and T. Lindvall (Eds.), *Noise as a Public Problem: Proceedings of the Fifth International Congress on Noise as a Public Health Problem*, (Vol. 3), Stockholm, Sweden: Swedish Council for Building Research, pp. 95–100.
- Taylor, S. M. (1984). A path model of aircraft noise annoyance, *Journal of sound and vibration*, 96(2), 243-260.
- Tepper, B. J. (2001) "Health consequences of organizational injustice: tests of main and interactive effects," *Organizational Behavior and Human Decision Processes*, 86(2), 197-215.
- TNO (2006). *TNO Magazine*. December 2006. Retrieved June 10th 2007 from: http://www.tno.nl/images/shared/overtno/magazine/ient_4_2006_06_07.pdf
- Terwel, B., Harinck, F., Ellemers, N., and Daamen, D. (2007, July). *Voice in complex decision making: the effects of procedural voice on trust in decision makers and acceptance of decisions*, Paper presented at the annual meeting of the International Society of Political Psychology Online, Retrieved April 27, 2008 from http://www.allacademic.com/meta/p204790_index.html
- Thibaut, J., and Walker, L. (1975). *Procedural Justice: A Psychological Analysis*, (Erlbaum, Hillsdale, NJ).
- Tracor, Inc (1971). *Community Reaction to Airport Noise, Vol. 1, (NASA CR-1761)*. National Aeronautics and Space Administration (NASA), Washington D.C.
- Tversky, A., and Kahneman, D. (1981). The framing of decisions and the psychology of choice. *Science, New Series*, Vol. 211 (4481), pp. 453-458.
- Tyler, T. R. (2000). Social justice: Outcome and procedure, *International Journal of Psychology*, 35 (2), pp. 117-125.
- Tyler and Lind, (1992). A relational model of authority in groups, in *Advances in Experimental Social Psychology*, edited by M. Zanna (Academic, San Diego, CA), Vol. 25, pp.115-191.
- Ulrich, R. S. (1983). Aesthetic and affective response to natural environment. In: I. Altman & J. F. Wohlwill (Eds.), *Human Behavior and Environment, Vol.6: Behavior and Natural Environment*, pp.85-125, New York: Plenum.
- Van den Bos, K., Bruins, J., Wilke, H. A. M., and Dronkert, E. (1999). Sometimes unfair procedures have nice aspects: On the psychology of the fair process effect. *Journal of Personality and Social Psychology*, 77(2), pp. 324-336.
- Van den Bos, K., and Lind, E. A. (2002). Uncertainty management by means of fairness judgments. In M. P. Zanna (Ed.), *Advances in Experimental Social Psychology*, (Vol. 34), San Diego: Academic, pp. 1–60.
- Van den Bos, K., Lind, A. E., Vermunt, R., and Wilke, A. M. (1997). How do I judge my outcome when I do not know the outcome of others? The psychology of the fair process effect, *Journal of Personality and Social Psychology*, 72, pp.1034–1046.
- Van den Bos, K., Wilke, H. A. M., Lind, E. A., & Vermunt, R. (1998). Evaluating outcomes by means of the fair process effect: Evidence for different processes in fairness and satisfaction judgments, *Journal of Personality and Social Psychology*, 74, pp. 1493-1503.
- Vanderhei Moran, S., Gunn, W. J., and Loeb, M. (1981). Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community. *The Journal of Auditory Research*, 21, pp. 217-225.
- Van Gunsteren, H. R. (1999). "When noise becomes too much noise..." *Noise and Health*, 3, pp. 3-5.
- Van Kamp, I., Job, R. F. S., Hatfield, J., Haines, M., Stellato, R. K., and Stansfeld, S. A. (2004). The role of noise sensitivity in the noise-exposure relation: A comparison of three international airport studies. *Journal of the Acoustical Society of America*, 116 (6), pp. 3471-3479.
- Van Wolkenten, M., Brosnan, S. F., and De Waal, F. B. M. (2007). Inequity responses of monkeys modified by effort. *Proceedings of the National Academy of Sciences*, 104(47), pp. 18854-18859.
- Vermunt, R., and Steensma, H. (2001). Stress and justice in organizations: An exploration into justice processes with the aim to find mechanisms to reduce stress. In: R. Cropanzano (Ed.), *Justice in the Workplace. From Theory to Practice, Vol. 2*, London: Lawrence Erlbaum Associates, pp. 27-48.
- Vermunt, R. and Steensma, H. (2003) Physiological relaxation: Stress reduction through fair treatment, *Social Justice Research*, 16(2), pp. 135-150
- Vermunt, R., and Steensma, H. (2005). How can justice be used to manage stress in organizations? In: J. G. Greenberg and J. A. Colquitt (Eds.), *Handbook of Organizational Justice*, Mahwah, NJ: Lawrence Erlbaum Associates, pp. 383-410.
- Webster, M. (n.d.). Sumerian Myth. Retrieved April 11, 2007, from Grand Valley State University site: <http://faculty.gvsu.edu/websterm/SumerianMyth.htm>
- Weiler, E. M., Mortimer, E., and Stuebing, R. C. (1981). A further study of described context effect and noise annoyance ratings. *The Journal of Auditory Research*, 21, pp. 155-158.
- Wirth, K., and Bröer, C. (2004). More annoyed by aircraft noise than 30 years ago? Some figures and interpretations, *Internoise 2004*, Prague, Czech Republic, 22–25 August.
- World Health Organization, WHO (2001). Occupational and community noise. Fact sheet No. 258, revised February 2001, retrieved from internet 11 April 2007, <http://www.who.int/mediacentre/factsheets/fs258/en/>
- World Health Organization, WHO (1999). Guidelines for community noise, edited by B. Berglund, T. Lindvall, D.H. Schwela, WHO, Geneva, retrieved from internet febr 9 2007. <http://whqlibdoc.who.int/hq/1999/a68672.pdf>
- World Health Organization, WHO (2004). "WHO LARES. Final report. Noise effects and morbidity," by H. Niemann and C. Maschke, Berlin Center of Public Health. Retrieved June 21, 2006 from http://www.euro.who.int/Document/NOH/WHO_Lares.
- ZEUS GmbH. (2002). *Wirkbezogenes lärmbeurteilungsverfahren* (Effect-related noise assessment), Report No. F&E-Vorhaben 298 532 65, edited by U. Felscher-Suhr, R. Höger, and D. Schreckenber, Bochum, Germany.