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Research topics

- Noise Annoyance (sources in isolation and combined noise sources)
- Soundscape
- Sound quality of structures.

Publications since 2005

Publications HAL

(contact me if you need a reference not available to you)

GILLE, L.-A., ET MARQUIS-FAVRE, C. (2019). « Estimation of field psychoacoustic indices and predictive annoyance models for road traffic noise combined with aircraft noise ». *The Journal of the Acoustical Society of America*, 145(4), 2294-2304. <http://doi.org/10.1121/1.5097573>

VALLIN, P.-A., MARQUIS-FAVRE, C., BLEUSE, J., GILLE, L.-A. (2018)
"Railway noise annoyance modeling: Accounting for noise sensitivity and different acoustical features". *J. Acoust. Soc. Am.*, 2018, 144 (6), 3381-3390.
<https://doi.org/10.1121/1.5082296>

VALLIN, P.-A., MARQUIS-FAVRE C., GILLE, L.-A., et ELLERMEIER, W. (2018).
« Selection of a sound propagation model for noise annoyance prediction: A perceptual approach ». *The Journal of the Acoustical Society of America*, 143(3), 1283-1286. <http://doi.org/10.1121/1.5025849>

GILLE L.-A., MARQUIS-FAVRE C. and LAM K.-C.
Partial and Total Annoyance Due to Road Traffic Noise Combined with Aircraft or Railway Noise: Structural Equation Analysis. International Journal of Environmental Research and Public Health, special issue *Noise-Related Annoyance*, 14(12), 1478, 1-18, 2017. [doi:10.3390/ijerph14121478](https://doi.org/10.3390/ijerph14121478)

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Noise annoyance assessment of various urban road vehicle pass-by noises in isolation and combined with industrial noise: A laboratory study.

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