

## **ACOUSTICS2008/2140 Management of the Tourist & Entertainment Noise Using Noise Mapping Technique**

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In countries with strong orientation in tourism and entertainment, especially during summer months, noise problems are always present. This paper represents some applications of noise mapping techniques for the management of tourist & entertainment noise that were conducted in Croatia and Slovenia. The noise mapping techniques were applied for the prediction of noise levels on several places inside the cities of Varaždin and Pola (Croatia) including famous Roman amphitheatre, and in the city of Nova Gorica (Slovenia) especially during entertainment live-shows (concerts, movie festival etc). Such approach enables the city authorities to prepare the base for the implementation of noise policy with introducing such a system that would represent background documents for providing criteria of setting out areas on one side intended to entertainment and quiet areas on the other. For the daily activities in areas that are the most attractive for tourists, noise-modelling techniques have been used for predicting noise emitted from pubs and bars including terraces and loudspeakers. Such approaches have been used by city authorities to establish technique for "fixed quotas" that will be able to designate maximum area of terraces concerning number of seating places in relation with the type of bar/pub and noise emission.