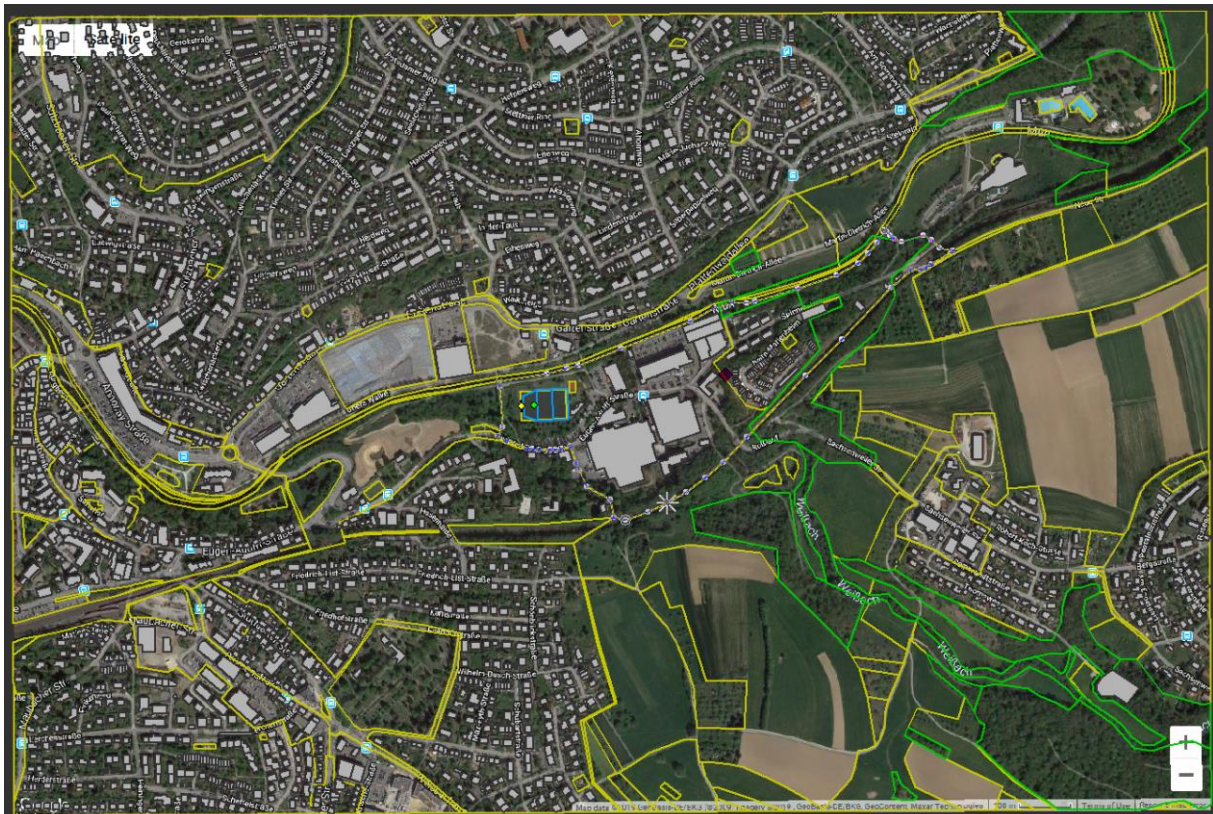


A new version of NoizCalc is available for download: [NoizCalc 2.6](#)

Automatic import of objects.

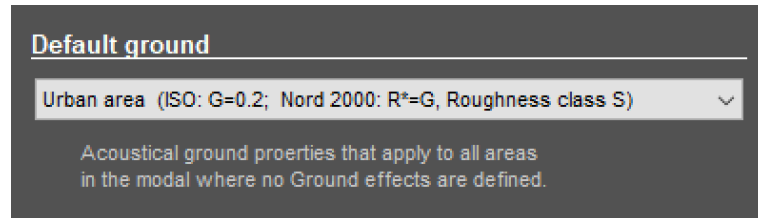
Following the idea of the buildings import, NoizCalc 2.6 now also imports Ground effects and Forests together with Buildings from OpenStreetMap and the elevation data from Google Maps. As with any open source platform, the availability and accuracy of data depend on the active engagement of the users in the respective region.



Selectable default ground “Urban” or “Rural”.

Where no Ground effects are defined, the acoustical properties of the default ground apply:

- Urban: mostly paved ground as in cities – acoustically “hard”.
- Rural: countryside with fields and grass – “soft”, previous default up to NoizCalc 2.4.

**Support of new loudspeakers.**

NoizCalc 2.6 supports the loudspeakers of the new A-Series.

Technical updates, changes and bug fixes.

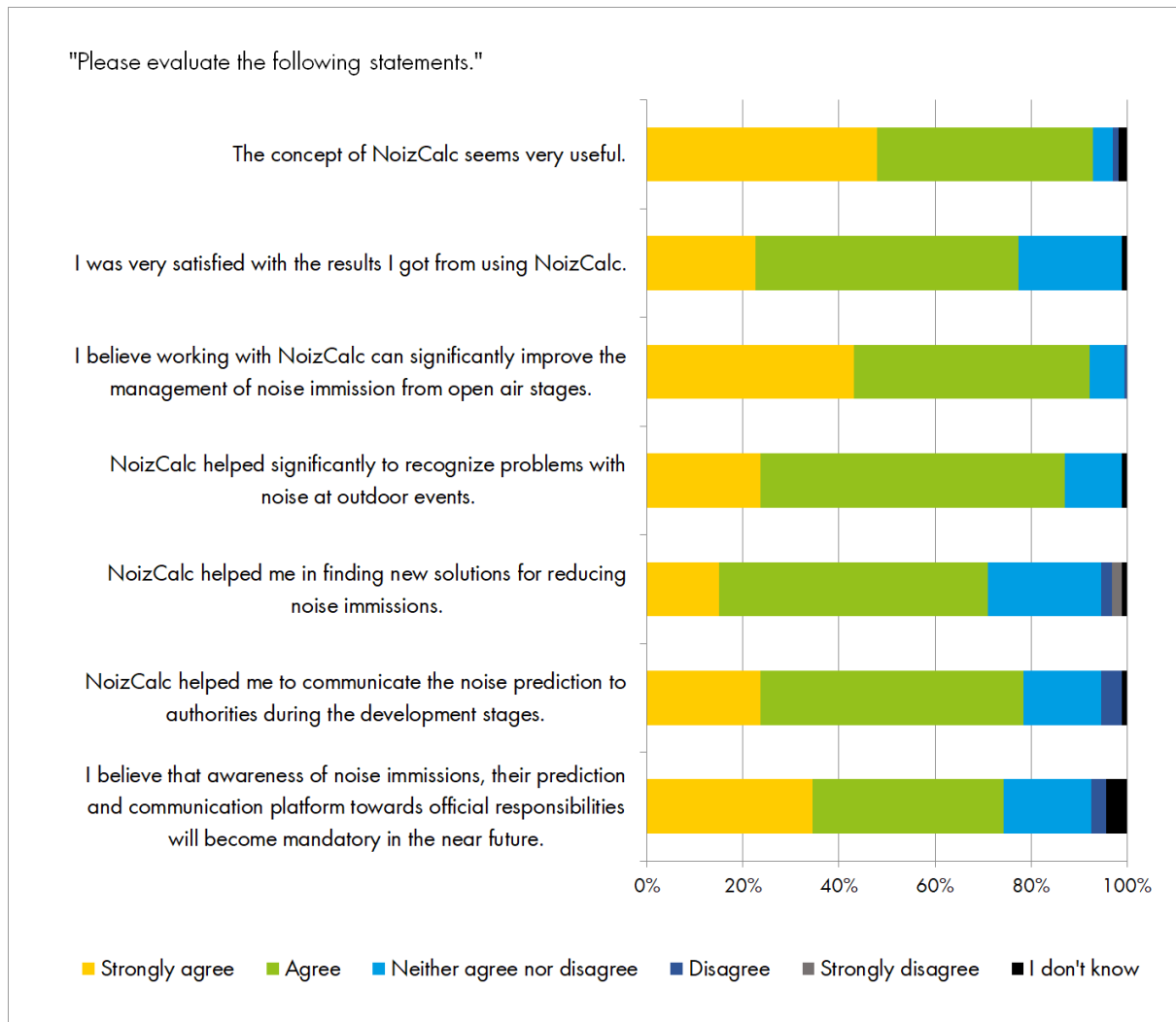
- Emission spectrum selectable via pull-down menu without entering Emission library.
- Revised System spectra: frequency weighting removed, sum levels added.
- Revised default appearance of objects for better visibility.
- Revised default settings of intervals: 5 dB (instead of 10dB) and colors.
- Revised open and save dialog windows.
- Wind direction fixed (according to general definition).
- Revised demo projects (objects import and appearance).
- Minor bugs during in-app update and calculation run fixed.

NoizCalc Survey.

In the first quarter of 2019, we carried out a survey about d&b NoizCalc amongst our NoizCalc subscribers. We received very valuable feedback from approximately 200 users around the world and would like to thank everybody who took part in the survey and helped us to learn how the software is perceived and used. An abstract of the results can be found in the following.

Perception of NoizCalc.

The diagram shows that the concept of NoizCalc is perceived as very useful and that the software helps to recognize problems with noise from outdoor events and to improve management of noise immissions of d&b PA systems from open air stages.



Relevance of NoizCalc.

Furthermore, the survey results confirm not only the high demand for noise predictions and reduced noise impact from outdoor events, but also the high relevance of noise mitigation in the open air event industry. For the user, the ability to predict the impact of a PA system or to have a solution to reduce noise in the far field is far more than a simple "nice to have". In many cases, this was essential to obtain permission to stage an open-air event or to get the job as a service supplier.

Use of d&b NoizCalc.

Approximately 50% of the survey respondents already used the d&b NoizCalc software to prepare for at least one outdoor event. In terms of total numbers, it can be said that these users already planned more than 700 outdoor events with NoizCalc. In other words: On average, each user has prepared around 2.6 events per season since the software was launched, which is a surprisingly high number.

When looking at the size of outdoor events for which NoizCalc is typically used, the survey results reveal that NoizCalc is used most often for events with a size ranging from 1.000 to 20.000 visitors, but also for a surprisingly high number of events with less than 1.000 visitors.

Almost none of those respondents who haven't used NoizCalc are averse to using it to prepare for an outdoor event. This high willingness can be explained by the fact that the majority of non-users believes that the awareness of noise related issues is increasing while noise predictions will become mandatory in the near future and a communication platform towards official responsibilities / authorities is essential.

Wish for improvements.

We are particularly pleased about your many suggestions because they reflect the intensive engagement and use of the program in real applications. Thank you.

The suggestions can roughly be grouped as follows:

- **Feedback and already addressed issues / ideas**

Good ideas, which we have been or are currently working on. They mainly deal with improvements in the workflow and the user experience. These ideas and the good feedback show that we are heading in the right direction.

- **Done**

Already existing features, of which the user is not aware. This underlines the importance of usability on the one hand but also training and **workshops** on the other. And sometimes it only takes a quick look into the manual.

(Re-import detailed bitmap and editing result map for more details; customize appearance; increase grid distance for quick rough overview; center current object checkbox to find conflicting objects, etc.)

- **Unfeasible**

We cannot do everything, either due to technical limitations (Mac version) or because features are not covered by use cases (advanced SoundPLAN features in free software).

To sum it up, one or another suggestion has already been implemented and others will follow.

The big picture.

We would like to emphasize again that in the end we actually address the entire open-air event industry in its total essential core.

*For > 90% of all concerned events it is certainly true that if there was no amplified music / art there would likely be no event at all. And this is true for all festival stakeholders from beer to pee, from entrance to backstage, from merchandise to piercing, from artists to fans, from stage to lights, video and - last but not least - the amplified delivery of making art audible - the sound systems and the providing team. This is the wider horizon of what we all should bear in mind and this is what we are actually addressing when we talk about: **More art. Less noise.***

NoizCalc 2.6 is available for download at www.dbaudio.com, alongside the d&b ArrayCalc simulation software and the R1 Remote control software. NoizCalc 2.6 can be installed parallel to previous versions.

For any questions or queries, please contact support@dbaudio.com.

Kind regards,
Your d&b team