



# Noise, Vibration, and Acoustics

80+

noise, vibration,  
and acoustic  
specialists

100+

projects involving  
noise and vibration  
monitoring

300+

years of collective  
expertise in studying  
noise, vibration,  
and acoustics

**WE THINK BEYOND NOISE  
ELIMINATION, CONSIDERING  
HOW THE ACOUSTIC  
ENVIRONMENT CAN  
ENHANCE PROJECT VALUE**

From environmental, industrial, and transportation noise to monitoring and vibration, our professionals are dedicated to the consistent delivery of quality noise and vibration solutions through innovative problem-solving and smart application of technology. We understand the challenges related to regulatory compliance and public concern over noise and vibration issues. Our acoustic specialists provide noise and vibration solutions to meet your project needs.





## OUR EXPERIENCE INCLUDES

### ENVIRONMENTAL NOISE AND VIBRATION

Environmental noise and vibration are the community impacts related to industrial and manufacturing facilities, construction and blasting activities, renewable energy, mining, and occupational health. It also involves designing the acoustic environment (known as soundscaping) and addressing underwater acoustic impacts, and impacts on wildlife.

### TRANSPORTATION NOISE

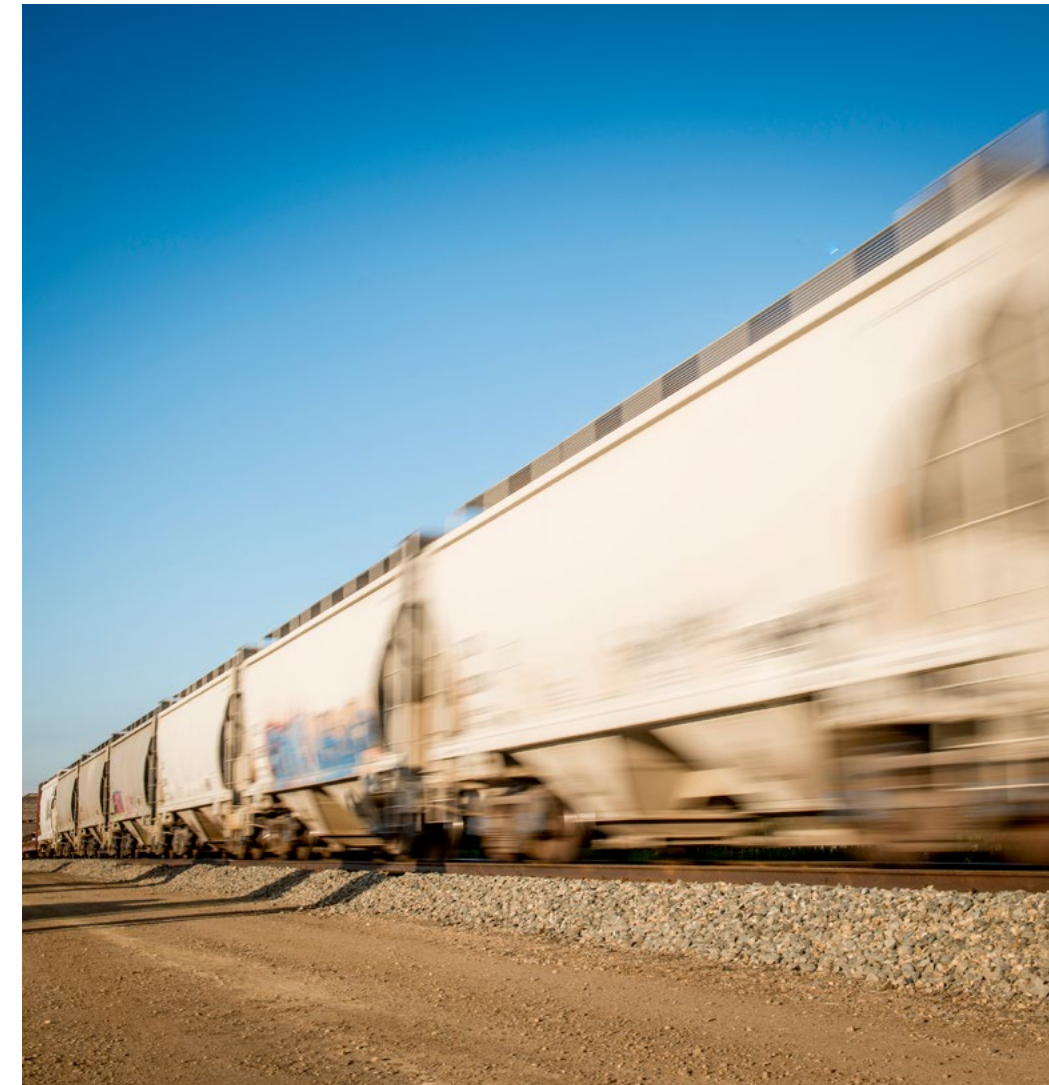
Transportation noise involves the impact on the acoustic environment from transportation sources. Transportation noise can derive from airports and aircraft, marine and ports, roads and highways, passenger, freight, light rail, and subway and noise and vibration impacts come from moving transportation and supporting facilities such as maintenance, yard, and terminal facilities.

### MEASURING AND MONITORING

The ongoing measurement and monitoring of noise and vibration is a continuous requirement for a variety of projects. Monitoring includes individual sources of noise and vibration, construction monitoring for on-going community impact, as well as long-term operational monitoring for transportation.

### EXPERT WITNESS AND PEER REVIEW

We facilitate technical peer review of noise and vibration studies to address external project impacts on our clients' project. Alternatively, our clients may require expert technical witnesses to support their noise and vibration studies, including mitigations and conclusions, especially in litigative circumstances.



## RELATED ITEMS

View some of our related materials:

[Twin Metals Minnesota study](#)

[Air and noise monitoring for Oshkosh](#)

[Carmeuse Lime and Stone facility](#)

[Bluewater river crossing replacement](#)

[San Luis Obispo RTA bus facility](#)

## CONTACT US

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## CONNECT WITH US



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