



Engineer with Acoustics Focus
Physical Scientist with Acoustics Focus

Duties:

The US Army Engineer Research and Development Center, Construction Engineering Research Laboratory (ERDC-CERL) Military Noise Team performs research that includes 1) identification, monitoring, analysis, and prediction of acoustic signals from sources within the distant landscape, and 2) assessing, measuring, and mitigating noise from those sources nearby. Research scope ranges from fundamental investigations to applied research and development.

Incumbent will perform research with emphasis on non-linear acoustic propagation, wave interactions with porous materials, acoustic propagation in the natural environment, and acoustic source characterization. Research may be theoretical, computational, and/or experimental in nature. Skill in signal processing and statistical methods is desirable.

General duties include but are not limited to: developing and writing innovative proposals to keep ERDC on the forefront of acoustics research, developing and fostering communications within a scientific network for collaborations, performing top quality research both independently and within teams, and dissemination of research results to the scientific community through presentations at scientific conferences and peer-reviewed research articles.

Incumbent should have an educational background in physics or engineering and must be proficient in acoustics. An advanced degree with an acoustics specialization is strongly desired.

Level/Salary Range: DB2 or DB4 (Equivalent to GS 5-11 or GS 12-14).

Level placement depends on the candidate's experience, education, and other qualifications.

View General Schedule (GS) ranges [here](#).

