



# NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

## Office of Corporate Communications

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### NGA searches for innovative way to geo-locate video, audio recordings

**SPRINGFIELD, Virginia.** – The National Geospatial-Intelligence Agency launched an open-innovation competition to determine the recording locations of audio and video data, Oct. 20.

The Soundscapes Competition will award up to eight cash prize awards, including a \$27,000 top prize and \$5,000 each for the top two academic entries. Awardees will be decided based on innovative methods of identifying, analyzing, and modeling sound and acoustic scene indicators to uniquely classify audio recordings as originating in one of eight cities.

“A sound digital enterprise is a part of maintaining our ability to deliver world-class geospatial intelligence and adds to our ability to provide accurate GEOINT to the nation and world through humanitarian aid and in support of national security,” said Michelle Brennan, NGA Research Image & Video Pod Lead.

Throughout the five-week open period, ending November 27, solvers will be able to submit and test their code solutions, view their quantitative score and participate in a leaderboard indicating solver rank based on the training data.

Solvers’ responses will include:

- A white paper describing their technical approach.
- For each test file, the developer must indicate the city which the video originated from.
- For each file, solvers will provide the confidence level generated by their method for each of the eight cities.

Top-tier-scoring solvers will be invited to present a paper containing a description of their methodology at a workshop to be held in 2021.

For more information on Soundscapes visit the [competition website](#) or contact the Soundscapes Prize Competition directly at [Soundscapes@capconcorp.com](mailto:Soundscapes@capconcorp.com).

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### **About NGA**

NGA delivers world-class geospatial intelligence that provides a decisive advantage to policymakers, warfighters, intelligence professionals and first responders.

NGA is a unique combination of intelligence agency and combat support agency. It is the world leader in timely, relevant, accurate and actionable geospatial intelligence. NGA enables the U.S. intelligence community and the Department of Defense to fulfill the president's national security priorities to protect the nation.

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