



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

Office of Corporate Communications

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\$15K NGA challenge seeks agricultural delineation system

SPRINGFIELD, Virginia – The National Geospatial-Intelligence Agency is seeking ideas for a system to rapidly, accurately and automatically delineate agricultural field outlines from satellite imagery.

“Agriculture is easily one of the most complex and transformative land management practices ever implemented, with widespread consequences to the environment and the global economy,” said Jack Millar, NGA’s Agricultural Delineation challenge owner. “The best submissions will challenge our perspectives and guide us in revolutionizing remote sensing for agriculture.”

Remote sensing, especially from satellite sources, has been of tremendous value in tracking agricultural productivity and estimating farm yields by observing changes in plant health. The proposed systems for this challenge should be applicable to both large homogenous and heterogeneous fields typically found in sub-Saharan Africa.

The challenge, which has a total payout of \$15,000, guarantees at least one submission will win, but multiple winners are possible.

Submissions are due by Nov. 19. Challenge solvers are not required to transfer exclusive intellectual property nor property rights.

For more details about the [Agricultural Delineation challenge](https://www.innocentive.com/) visit: <https://www.innocentive.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. For more information about NGA, visit us online at www.nga.mil, on [Facebook](https://www.facebook.com/NatlGEOINTAgency) or on [Twitter](https://twitter.com/NGA_GEOINT).