



Mississippi State University

Utilization of Emergency Alert Systems: An Analysis of Oktibbeha County and MSU Systems



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Prevent, Protect, Respond, Recover

Homeland Security Challenge:

Effectively warning the public of impending or occurring emergency situations continues to be a problem area at federal, state and local levels.

Research Project Solution:

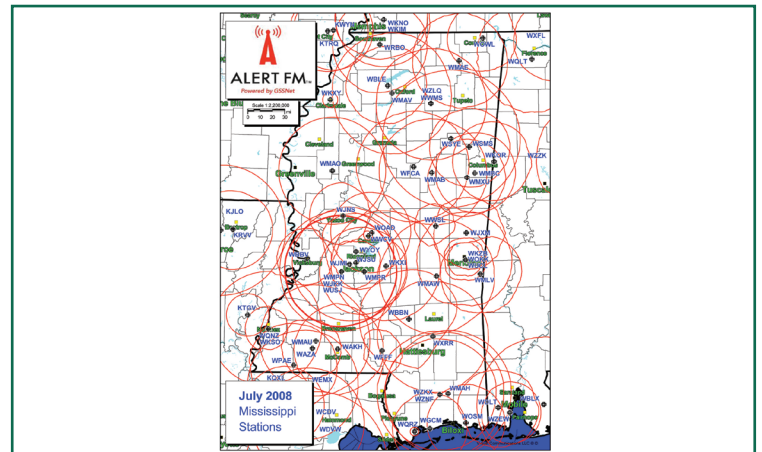
In this project, a technical assessment of the current emergency warning capabilities of Oktibbeha County and Mississippi State University will be initiated to define the limitations of the current warning systems. A second phase of the project will include the implementation of a radio-based alerting system, Alert FM™, which will introduce a robust and redundant emergency warning system for the general public. With the implementation of this new system, an evaluation of its performance and effectiveness will be administered after a significant weather or other emergency event requires activation of the warning system.

National Implications:

This project will test the effectiveness of one emergency alerting system and the ensuing human behavior after multiple types of redundant area warnings. Communities will be able to use the results of this study as a basis for improving their respective emergency alerting systems to effectively warn the greatest number of people within the shortest amount of time.



Samples of Alert FM receivers being tested in this project.



Map showing Alert FM coverage area.

www.serri.org

For More Information on SERRI, contact;

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SERRI is managed by the Department of Energy's Oak Ridge National Laboratory for the U.S. Department of Homeland Security