

Supercomputing Challenge Proposal

Team ID: SVA 152

School Name: South Valley Academy Mid

Area of Science: Put Area of Science Here

Project Title: How do urban cities recover after a disaster?

What the problem is (the definition of the problem)?

How do urban cities recover after a disaster? What is the best way to organize human and infrastructure to help communities in crisis?

Why it is important or what results you hope to get (the purpose of the project)?

Many times recovery means the issue of life or death. Other times, damaged areas create great economic, social and health risks. In the case of Texas, many issues such as chemical contamination are affecting communities. In Mexico City damaged building continue to teeter because of damaged structures. In Puerto Rico resources have remained in ports due to inefficiency in transportation.

How you plan to work on it (plan of action or methods)?

We plan to work on it by creating models that can figure out what the problem is affecting a damaged city and how resources such as transportation and labor are best used for life to continue

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Sponsoring Teacher(s) Mr. Mike