

## Wide Area Recovery and Resiliency Program (WARRP)

### Background

The Departments of Homeland Security (DHS) and Defense (DoD), Defense Threat Reduction Agency (DTRA), in close coordination with the Denver Urban Area Security Initiative (UASI) have initiated the Wide Area Recovery and Resiliency Program (WARRP), a collaborative effort aimed at developing policies, methods, plans and the utilization of applied technologies to restore large urban areas, critical infrastructure, and DoD installations following a chemical, biological and/or radiological (CBR) event.

Much work has been accomplished over recent years to understand the initial exposure and response phases of a biological release event in the areas of detection, characterization and coordination; however, the purpose of this program is improve recovery and resiliency capabilities following a CBR release. While many Departments and Agencies have built products to solve pieces of catastrophic events, challenges such as a wide-area CBR release will require whole-of-government solutions for both the technical and organizational approaches. Each event will produce unique challenges requiring flexible products to enable the incident command system to function at optimum performance. Upon conclusion of this program, policies, methods, plans and applied technologies will be developed to address concerns related to a wide-area CBR event.

### Why conduct WARRP?

The precursor Interagency Biological Restoration Demonstration (IBRD) program shed light on the considerable amount of resources and time required to recover from the effects of, and restore functionality to, a large urban area. Based on the lessons learned from IBRD, significant value exists in leveraging the resulting knowledge products and tools against chemical and radiological threats. WARRP will apply approaches, methods, frameworks and other tools and technologies and incorporate both chemical and radiological protocols, utilizing them at new location, the greater Denver, Colorado urban area. The primary point of contact for ongoing coordination efforts is the Denver Urban Area Security Initiative (UASI).

### Goal for WARRP

The key goal for WARRP is to continue working with state, regional and local partners to reduce the time and resources required to recover and restore wide urban areas, military installations and other critical infrastructure following a CBR incident. Key program objectives are aimed at enhancing the civilian, military and private industry coordination following a CBR release. The program will test and evaluate the transportability of the following: consequence management guidance, operational capabilities, interagency coordination and technologies enabling a timely return to functionality and the re-establishment of socio-economic order and basic services through the execution of recovery and resiliency activities. Participants will gain valuable insights, assess the efficacy of applied technologies, validate collaboration among stakeholders and apply new methodology to this event type.

WARRP represents complex challenges that are critical for our nation to overcome and represents a solid commitment by the Departments of Defense and Homeland Security to work closely together on an essential biological/chemical/radiological defense initiative.

### Points of contact

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