

NSDI 2010 CAP GRANTS

CATEGORY 6

ENHANCEMENT OF THE GEOSPATIAL DATA MODEL ADOPTION FOR EMERGENCY RESPONSE

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Project Title: 2010 CAP, Category 6 – Enhancement of the Geospatial Data Model Adoption for Emergency Response

Organization:

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Executive Summary

In 2010, Cal-EMA, in partnership with the Homeland Security Regional Technology Center (RTC) housed at San Diego State University Research Foundation (SDSURF), was awarded a USGS National Spatial Data Infrastructure (NSDI) Cooperative Agreement Program (CAP) grant in support of the Federal Geographic Data Committee (FGDC). Changing economic conditions and competing priorities have necessitated many changes to this project. The Department of Homeland Security (DHS) no longer supports the GeoData Model (GDM), or the application that generated a database schema. The San Diego Regional Technology Center no longer exists, due to lack of funding. Instead, CalEMA will update the skills needed to develop a database schema for incidents.

Project Status Update

Cal EMA GIS has asked for, and received a final no-cost extension to continue the development of an Emergency Operations Center Geospatial Data Model (GDM) and geodatabase schema in conjunction with the WebEOC project that is currently in the implementation phase at CalEMA. Most of the WebEOC input boards have been developed and we are reviewing the attribute information and table descriptions in order to reconcile with the mapping products that are used for emergency management mapping. We have created about 18 tables, and 25 domain tables for the geospatial model to date.