

## SDRC Internet Mapping Application

The development of an Internet Mapping Application will allow decision-makers within the SDRC access to a wide variety of mapping and database information to help inform their decision making process. Environmental Systems Research Institute's (ESRI's) Internet Map Service (ArcIMS) has been selected as the software development environment for the SDRC Internet Mapping Application. The ArcIMS application will enable end users to zoom and pan to different spatial extents; turn layers of information on/off; point and click to gain information about features; query database information to select features that meet specific criteria; and export images or print maps. The initial SDRC ArcIMS will include the following base map layers: highways, roads, rivers, streams, water bodies, City boundaries, City and County of San Diego Community Plan Area boundaries, and the SDRC Jurisdictional boundary. Additional mapping layers will include: parcels, zoning, existing land use, planned land use, generalized ownership, vegetation, sensitive species, and flood plains. The parcels data will be updated on a quarterly basis to ensure current ownership information is available. Additional layers may be added in the future as part of additional work efforts. The image to the right depicts SanGIS's Java-based ArcIMS site that integrates a variety of different polygon, line, and point features within different mapping categories: Community, Flood Zones, Property, MSCP and Stormwater. The image below depicts a customized HTML-based ArcIMS application developed to serve mapping data within the San Diego Nearshore environment. The site integrates various types of imagery data with polygon, line, and point features. The SDRC ArcIMS will be developed as an HTML-based site and include aspects of both sites.

