

# Center for GIS at Towson University

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## Client

Khaled bin Sultan  
Living Oceans  
Foundation

## Project

Geospatial Web  
Development and Hosting

Geospatial Database  
Development

## Web site

[www.livingoceansfoundation.org](http://www.livingoceansfoundation.org)

## GIS Application Makes Reef Habitat Data Publicly Available and Useful

The Seychelles Islands Habitat Mapper developed by the Center for GIS (CGIS) at Towson University is the result of a collaborative project of the Khaled bin Sultan Living Oceans Foundation, the University of Cambridge, and the Seychelles Centre for Marine Research and Technology-Marine Parks Authority. The Mapper integrates data derived from high resolution multi-spectral imagery with Web mapping technology to interactively show the key shallow water benthic habitats of several islands in the Alphonse and Amirantes groups of the Seychelles. The Mapper leverages ESRI's ArcGIS Server and Flex API to enable users to identify habitat types, measure distances and areas, generate habitat reports, and view representative images of sensitive reef habitats.

The Khaled bin Sultan Living Oceans Foundation champions the preservation, conservation, and restoration of living oceans through research, education, and a commitment to Science Without Borders. To explore the Foundation's latest deep-sea adventures and learn more about the organization's mission, vision, and activities, visit [www.livingoceansfoundation.org/](http://www.livingoceansfoundation.org/).

