Abstract

Using ArcIMS to Dynamically Display a Complex Water Quality Database
Track: Water Resources
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A major task of the Kailua Bay Advisory Council (KBAC) is to provide a comprehensive mechanism for sharing knowledge and information regarding the water quality problems of the Ko‘olaupoko region with the public. As a method for accomplishing this task, KBAC has extended the functionality of its ArcIMS site by providing users with the ability to simply "point and click" on a water quality monitoring site and be provided with a graph showing that site's most recently known conditions. A comparison with Hawai‘i’s published water quality standards (also shown on the graph) alerts stakeholders and the public to problem areas.

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