

Great Lakes Commission beach projects

Presented by:

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Beach advisories through smartphones: *myBeachCast*

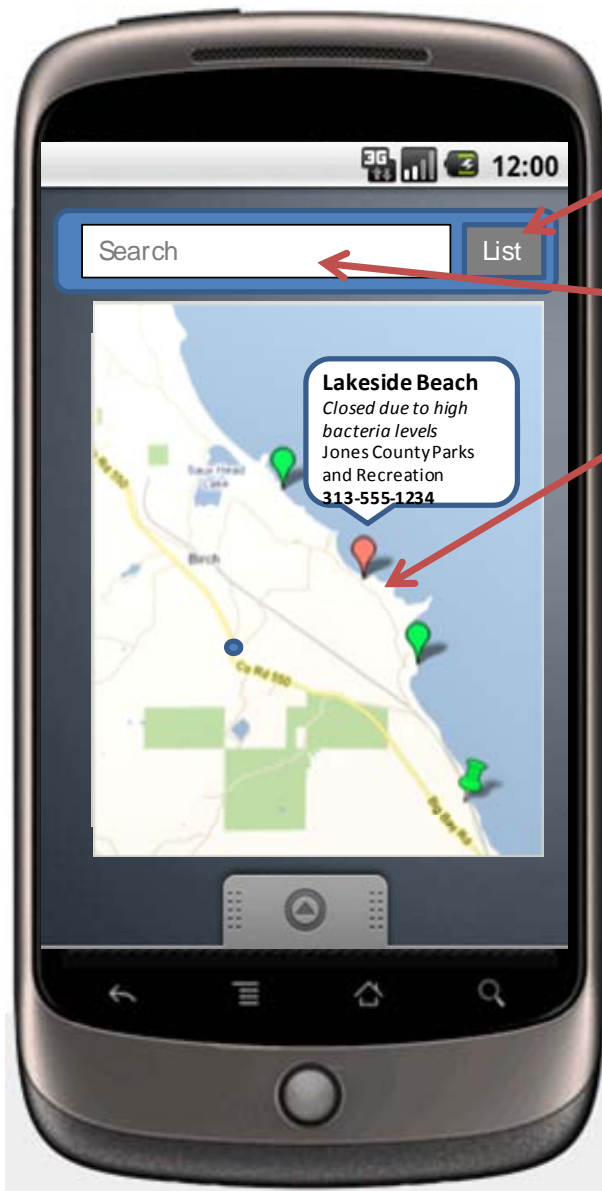
Two-year project, funded through the Great Lakes Restoration Initiative

- Under development: mobile app for public access to water quality advisories
- Supplemented with weather forecasts, wavecasts, related conditions info, and beach location, amenities
- Same information will be available via the BeachCast portal on the Great Lakes Information Network: www.glin.net/beachcast

Using 'smart' phones to deliver environmental data

- Availability: 31% of phones sold in 2010 were “smart.” Wireless data networks are faster than ever.
- The public expects access to data in real-time (stocks, traffic, weather, etc.) – why should environmental data be any different?
- The amount of digital data collected by agencies is growing and should be made available to the public.

Proposed *myBeachCast* application



List all nearby beaches

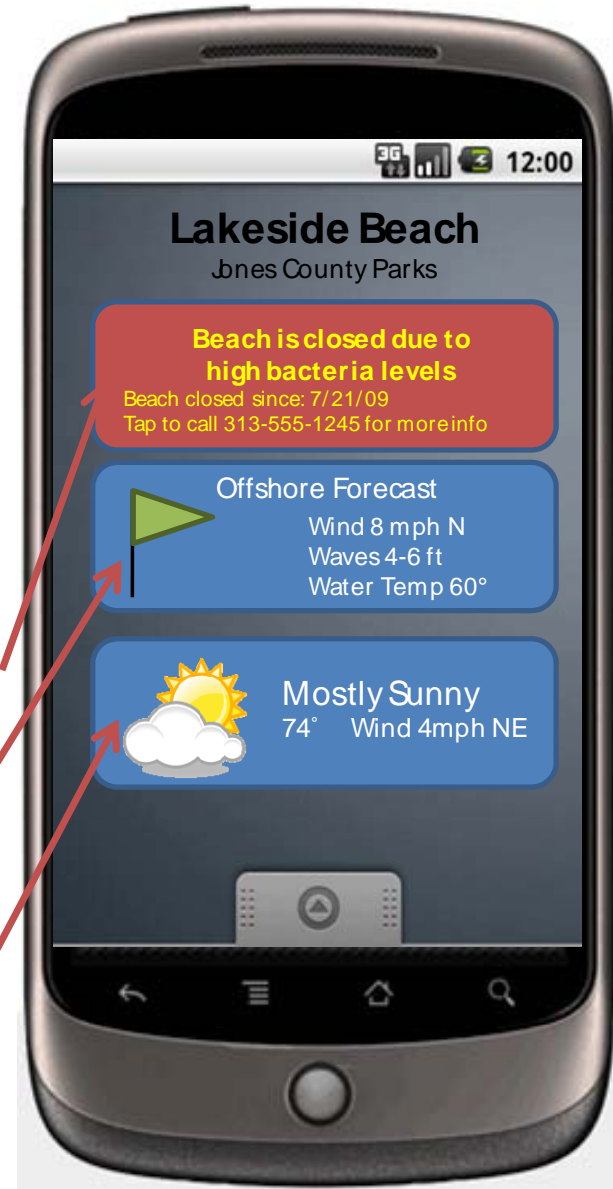
Search for a beach by name or ZIP code

Tap on the map for more detailed beach information

Tap for more detailed water quality information

Tap for more detailed offshore forecast information

Tap for more detailed weather information



Attributes of *myBeachCast*

- **Delivers near real-time information** about beach conditions to a broad public user community
- **Active notification/alerts** via SMS text messaging and social networking sites such as Twitter and Facebook
- Allows for **local discovery** (i.e., what beaches are in my neighborhood?)
- Informs the public about environmental conditions in an **unobtrusive, portable, convenient** manner
- **Marketable** through online app stores: Android, iPhone, etc.
- Can be supplemented with additional data, web 2.0 friendly

Outreach support for the Great Lakes Beach Association

One-year project, funded through the Great Lakes Restoration Initiative



- Increase access to near real-time data for beach managers, leveraging Great Lakes Observing System assets
- Enhance GLBA website: www.glin.net/glba
- Facilitate training opportunities
- Cross-promote related references (e.g., videos on sampling techniques, predictive models, GIS maps)
- Promote/coordinate annual beach conferences
- Expand networking tools: beachnet list, wikis

Current GLBA website, www.glin.net/glba

The screenshot shows a Windows Internet Explorer browser window displaying the website for the 2010 Great Lakes Beach Conference. The browser's address bar shows the URL <http://www.glin.net/glba/2010conference.html>. The website features a navigation menu on the left with links to Home, About Us, Upcoming Events, BEACHNET Discussion, Great Lakes Beach Conferences, and Additional Beach Information. The main content area includes a header for the Great Lakes Beach Association and the 2010 conference, a list of past conferences from 2001 to 2010, and detailed information for the 10th Great Lakes Beach Association Conference, including the date (October 19-22, 2010), location (Tom Ridge Environmental Center, Presque Isle, Pa.), and registration status (now closed). It also lists an agenda, conference materials (presentation and poster abstracts, speaker bios), and webinar information.

2010 Great Lakes Beach Conference - Windows Internet Explorer

<http://www.glin.net/glba/2010conference.html>

File Edit View Favorites Tools Help

2010 Great Lakes Beach Conference

Great Lakes Beach Association

Great Lakes Beach Conference 2010

Home

About Us

Upcoming Events

BEACHNET Discussion

Great Lakes Beach Conferences

Additional Beach Information

Past Conferences:
[2001](#) | [2002](#) | [2003](#) | [2004](#) | [2005](#) | [2006](#) | [2007](#) | [2008](#) | [2009](#) | [2010](#)

10th Great Lakes Beach Association Conference

The Great Lakes Beach Association Annual meeting will be held October 19-22, 2010, at the [Tom Ridge Environmental Center](#), Presque Isle, Pa.

Registration is now closed. Onsite registration is available.

Agenda:
[Final agenda](#) (updated 10/15/10)

Conference Materials:
[Presentation and Poster Abstracts](#) (updated 10/18/10)
[Speaker Bios](#) (updated 10/18/10)

Webinar information:
If you are unable to join us at the conference, please feel free to tune in to our webinar through the registration links provided below.

start | Internet Exp... | presentation | BeachProposal... | Manninen_GLBA... | PowerPoint Slide... | 10:51 PM

Ideas welcome – how can GLBA serve your needs?



- What resources would you like available via the GLBA website?
- What are your data / information needs?
- What networking tools would be useful? – searchable databases of points of contact, beach-related research, other?

A GLBA Outreach Committee would be helpful to offer ideas and beta test new website and data access tools.



Questions?

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