Title: Tailored UV Index Forecast for Beaches

Office: Office of Air and Radiation
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Description of the Challenge:
If you want to be a part of a successful federal government social media campaign, consider hacking EPA's UV Index. The UV Index, a numeric index of the strength of cancer-causing UV rays from the sun, is a forecast produced by the National Weather Service.

The forecast data are run through EPA's Envirofacts and put out to the public through our app and widget. The app has been featured on nationwide media and TV.

Develop code that can be marketed to beach apps (such as the Miami and Beaches app http://www.miamiandbeaches.com/plan-your-trip/mobile-apps) that allow for the display of a customized UV Index Forecast for specific beaches.

Hopeful Outcome:
Come up with a list of possible beach apps that would be able to leverage a customized UV Index Forecast.

Develop code that can be deployed on Android and iOS mobile apps that displays UV Index Forecast information specific to a defined beach.

Skills Needed:
Coding/development experience