

HAMPTON ROADS REGIONAL GIS PROPOSAL UPDATE

Regional Environmental Committee
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Background

- Blue Moon Fund approached ODU and HRPDC with opportunity to apply for grant
 - Primarily funds sustainability and resiliency projects
- Invited us to develop a proposal for a regional GIS for Hampton Roads focusing on coastal resiliency
- Provide a centralized access point for integrated local and regional GIS data

Proposal Activities

- ODU and HRPDC staff met with local GIS managers & staff
- Presented concept to CAOs
- Met with Esri rep to discuss design sprint process
- Several local reps went to Redlands, CA for design sprint with Esri team
- Core team meeting weekly since January to refine and develop proposal
- Spoke with other states that have similar projects
- Letters of support
- Proposal will be submitted mid-March
- If awarded, 3-year project

Proposed Project

Executive Advisory Board

ODU & HRPDC co-project coordinators

Data
Requirements &
Collection

System
Architecture

User Interface

Communications
& Training

Proposed Project

- Data Requirements/Collection
 - Local data aggregated from “live feeds” into regional layers
 - Specific layers decided during requirements meetings
 - Pull in other map services from state/federal sources
- Systems Architecture
 - Servers and software maintained locally
- User Interface
 - Interactive map browsing
 - Various data download options
 - Analysis tools for resiliency planning
 - Home for executive advisory committee information/process
- Training/Outreach
 - Setting up localities to serve their data
 - Build some capacity if needed
 - Training on how to use system