Configuring Environmental Screening in your Community

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Demo Theater Agenda

• Intro
• Demonstrations
• Considerations and Requirements
• Getting started
• Your feedback
ArcGIS for State Government
Esri solutions for state government customers

• Series of useful maps and apps focused on state government work
  - Configurable and extensible
  - Freely available and fully supported
• Community of users
  - Best Practices / Implementation Support
• Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance

.... available on premise or in the cloud
Environmental Impact
A collection of applications to support project review
Environmental Screening
Web based analysis and reporting of potential impacts on the natural environment

- Enables scientists and planners to:
  - Identify and describe potential impacts
  - on sensitive species and protected areas
  - Communicate analysis results with stakeholders
  - Support management decisions
Environmental Screening Workflows

Define Study Location
- Search
- Draw
- Shapefile
- Coordinates

Analyze Data
- Select
- Clip Analysis
- Review results

Share Results
- Printed report
- CSV download
- Feature data download
Configuring Environmental Screening

**Share Data**
- Identify data to be analyzed
- Publish as feature layers or map service

**Build Web Map**
- Add analysis and reference layers
- Configure pop ups, layer visibility, symbols, etc

**Configure App**
- Web AppBuilder for ArcGIS
- Screening widget
Configuring Environmental Screening

Analysis Settings
- Layers & Reporting Fields
- Available Tools
- Tolerances

Download Settings
- Formats
- Report Settings
- Organizational Branding

Additional Settings
- Labels
- Buffer Settings
- Symbology
- Search Settings
Considerations

• Streamline configuration for users
• Performance for very dense data
  - Leverage map or tile services
• Download requirements
Key Requirements Review

• Analysis layer
  - Feature service or hosted feature layer
  - Map service feature layer

• Feature data download
  - Sync enabled feature service or hosted feature layer, OR
  - Extract Data Task geoprocessing service
Get started with Environmental Screening

1. Organize data
2. Build web map
3. Configure Web AppBuilder with the Screening widget

Visit the Solutions site to get started:

esriurl.com/SGEnvScreen
ArcGIS Solutions Deployment Tool

- **ArcGIS Pro tasks and tools**
  - Discover, deploy and configure solutions in an ArcGIS Organization

- **Enable users to**
  - Discover solution offerings available
  - Deploy the services, maps, and configurable apps to their organization
  - Configure the solution to meet specific needs in their organization
    - Add fields
    - Modify field domains and aliases
  - Load their data (if required)
Please Take Our Survey on the Esri Events App!

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Complete Answers and Select “Submit”
Thank you!

Questions

esriurl.com/SGEnvScreen

Recommended Sessions

Wednesday
2:30 pm - Demo Theater 2 (here!) Environmental Analysis Solution
6:00 - 8:00 pm - Hilton - Promenade Plaza State and Local Government Social

Thursday
10:15 am - Tech Session - Room 33A Configuring Environment and Natural Resources Maps and Apps
1:30 pm - Tech Session - Room 3 Leveraging State and Local Government Solutions to Improve Field Activities

Connect With Us after UC

http://solutions.arcgis.com/state-government
https://www.meetup.com/ArcGIS-for-State-Government
@ArcGISStateGov
http://esri.github.com