An Introduction to the Environmental Analysis Solution

Jess Neuner
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

- Analyze
- Communicate
- Solicit Feedback
Environmental Analysis Tools

Tools to support analysis and communication 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
The Analysis Tools
Identify and describe potential impacts

Address focused questions:
• What is in or near my study location?
• How far from my study location?
• How much is potentially impacted?
Spatial Analysis
Leverage core platform capabilities

• Understanding where
• Measuring size, shape, and distribution
• Determine how places are related
• Finding the best locations and paths
• Detecting and quantifying patterns
• Make predictions
The Reporting Tools
Communicate analysis results with stakeholders

- Describe the study location
- Tabular results are well formatted and configurable
Using the tools

**Build Analysis**
- Design analysis to answer your questions
- Use ModelBuilder or Python for repeated analyses

**Format Results**
- Specify field aliases, table names
- Use key fields for report formatting

**Stylize Report**
- Update colors for branding
- Add legend to map layout
Environmental Analysis Solution

• Analysis tools that enable you to
  - Answer focused questions
  - Streamline analysis results for reporting
• Leverage complete suite of analysis tools in Desktop
• Create well formatted reports to share analysis results

Visit the Solutions site to get started:

esriurl.com/SGEnvAn
Please Take Our Survey on the **Esri Events App**!

Download the Esri Events app and find your event

Select the session you attended

Scroll down to find the survey

Complete Answers and Select “Submit”
Thank you!
Questions

esriurl.com/SGEnvAn

Recommended Sessions

**Wednesday**
5:30 pm - Demo Theater - Here!
Configuring Photo Survey in your Community

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