Abstract

Development of Software Tools Using ArcGIS for Land-Use Control Management
Track: Environment Solutions
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Traditional tracking of Air Force infrastructure projects requires the incorporation of environmental review to ensure that new construction/excavation work does not occur in areas known to have environmental contamination. Historically, this process allowed for a large degree of variation of review comments to a proposed project. To minimize/eliminate this variation an ArcGIS software-based decision-making tool was created. This application implements a decision-making logic that allows the user to automate responses based upon the most up to date geospatially referenced data.

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