Challenges in Processing of Endangered Species Spatial Data for National Environmental Policy Act (NEPA) Screening Reports
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Environmental Data Resources Inc. (EDR), a leading property due diligence company provides NEPA reports for clients. The EDR NEPACheck® Report provides information which may be used, in conjunction with additional research to determine whether a proposed site or action will have significant environmental effect. Endangered species is one of the themes within the reports. State and Federal agencies produce and archive their data and distribute the datasets in various formats, usually with some user constraints. EDR processes and loads the datasets into an ORACLE database. If any portion of the spatial data falls within the area of interest; usually a fixed distance buffer the details are included in the report. Both the polygons for spatial data and/or the attributes in textual format are presented in the report. In this presentation the challenges encountered with these datasets and various solutions to overcome the same will be demonstrated.