

# Symposium on International Safeguards: Linking Strategy, Implementation and People - IAEA CN-220



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## Exploiting Spatial Data for Site Declarations

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The IAEA Department of Safeguards is proposing a spatial data delivery process for state submission of site declaration maps. This new initiative is in support of the Department's Geospatial Exploitation System (GES) which utilizes spatial data from a multitude of sources to enable spatial analysis to verify declarations. Worldwide, many sites deliver declaration maps produced with spatially enabled technologies, such as Geographic Information Systems (GIS), however, the actual spatial data that enables the map production is absent. This paper will present how Bruce Power is using GIS to manage safeguard information for its site and why supporting the digital submission of spatial data to the IAEA, as part of the state declaration, both modernizes and simplifies the submission process while also supporting the objectives of the IAEA GES.

### Country or International Organization

Canada

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