



Contribution ID: 7

Type: **Wedge Participant**

Creating Digital Site Maps for the Additional Protocol

The German Support Program has been working alongside the IAEA Department of Safeguards to enhance the methods for submitting site maps required under Article 2.a.(iii) of the Additional Protocol. The experience and results of this cooperation have exposed new requirements and workflows for site operators and State or regional authorities to submit site maps compatible with current geographic information systems (GIS) data standards. The authors used an open source GIS web server to demonstrate the ability of site operators to capture, maintain and submit the relevant map data and associated tabular information such as building use and descriptions. Transferring web services from site operators to the IAEA is a potential approach for providing site maps and is therefore explored in this paper. The paper also highlights some of the efforts made under the German support program to convert existing maps to GIS formats as well as examination of the Protocol Reporter 3 and Commission's Additional Protocol Editor (CAPE) software to submit such data.

Topics

SGI2

Which "Key Question" does your Abstract address?

Which alternative "Key Question" does your Abstract address? (if any)

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Session Classification: [SGI] Streamlining Information-related Workflows: Small Holders/LOFs and AP Declarations

Track Classification: Shaping the future of safeguards implementation (SGI)