

of Remotely Controlled Platforms for On-Site Inspection Near Surface Surveys

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The use of remotely controlled platforms (RCP) during an on-site inspection (OSI) is an open topic, especially regarding aerial platforms. Such devices did not exist, or at least were not commercially available, when the Treaty was opened for signature and ratification, and therefore there is an ongoing debate regarding the conduct of inspection activities and health and safety related activities using instruments carried by a RCP. Our approach is to consider such activities as an expansion of ground surveys. Conducting a survey using OSI approved equipment deployed on a RCP operating at two meters ground clearance is no different from a ground survey conducted by an inspector carrying the same sensor on a pole at the same height. In addition, surveys involving RCP are more efficient and effective, and represent a sound alternative to walking surveys in case of safety concerns. This contribution presents the conclusions drawn from a desk study on the use of RCP for OSI purposes, as well as the lessons identified during the conduct of OSI-relevant near surface surveys as part of a recent field campaign in Italy.

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Promotional text

OSI surveys conducted from a remotely controlled platform understood as an extension of ground surveys.

Oral preference format

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