

## EFGS 2022 Conference

### *Towards standardised geospatial statistics*

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**TITLE:** ISO 19160, Addressing: facilitating addressing interoperability through a multi-part international standard

**AUTHOR(S):** Serena Coetzee, University of Pretoria, South Africa, [serena.coetzee@up.ac.za](mailto:serena.coetzee@up.ac.za)

#### **ABSTRACT:**

Traditionally, humans used addresses as directions to a building and its occupants. Digitalization and geocoding of addresses opened up a whole new range of possibilities, such as vehicle navigation, utility planning and maintenance, and automated processing of mail items (Coetzee, 2012). An address is now often the common reference for information from a variety of sources and used for many different purposes. This calls for interoperability of address data. For this reason, a project of the ISO/TC 211, *Geographic information / Geomatics*, reviewed international addressing standardization requirements. Even though the project brought together all the relevant stakeholders and established the necessary credentials for further work to proceed in ISO/TC 211, some recommendations were not within the scope of the committee's work – standardization in the field of digital geographic information – because addressing involves more than 'just' geographic information. Nevertheless, it was recommended that a multi-part standard (different parts of a standard with the same number) be developed in ISO/TC 211, where applicable and desirable in collaboration with other standards organizations and/or ISO technical committees (ISO/TC 211, 2011). This presentation will provide an overview of the different parts of ISO 19160, *Addressing*, and relate how the standard was initiated and developed.

**KEYWORDS:** addressing; standards; address data; ISO

## REFERENCES

Coetzee, S. (2012). *Standardization guidelines for national address infrastructures, based on ISO 19160, Addressing*. In: *Addressing the world – An address for everyone. The white paper*. Universal Postal Union, ISBN 978-92-95025-27-1, pp 94-98.

ISO/TC 211, *Geographic information/Geomatics* (2011). *Review summary of ISO 19160, Addressing*, (ISO/TC 211 document number N3188).