

The Development of a Prototype SDI Compliant 2D Cadastral Parcels Model to Produce a Cadastral Dataset for Oman

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SUMMARY

The National Centre for Statistics & Information (NCSI) is the leading body responsible for the Oman National Spatial Data Infrastructure (ONSDI). In the absence of a national cadaster system for land management, research was undertaken to develop a 2D cadastral parcels model for Oman which is compliant with spatial data infrastructures (SDIs) and in line with the International Standard ISO 19152 Land Administration Domain Model (LADM).

INSPIRE and FGDC standard practices together with the existing cadaster dataset at the Ministry of Housing were used to develop the new model which may be used for both SDI and by local authorities for land management.

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