

ISO Geodetic Registry

<i>Item class</i>	OperationMethod
<i>Name</i>	NZGD2000 Deformation Model
<i>Item status</i>	VALID
<i>Identifier</i>	81
<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	This model provides the relationship between a global reference frame (ie one of the ITRFs) and the local reference frame (NZGD2000). It includes both functional definitions and spatial representations for a range of geophysical deformation sources that are represented as discrete sub-models. Each sub-model may include both horizontal and vertical deformation elements, as well as uncertainties. A sub-model is built of one or more components (such as co-seismic and post-seismic components) that when added together give the total deformation for that event. Each component consists of a time function and a spatial representation. The time function defines how a time-based scale factor gets applied to each deformation element.

Operation parameters

NZGD2000 deformation model files