ISO Geodetic Registry

Item class	OperationMethod
Name	**NZGD2000 Deformation Model**
Item status	VALID
Identifier	81
Data source	ISO Geodetic Registry
Remarks	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