

# ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	<b>JGD2011 (vertical) - OHt</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	428	
<i>Alias</i>	Japanese Geodetic Datum 2011 (vertical)	
<i>Information source</i>	<i>Title</i>	Revision of the Results of Control Points after the 2011 off the Pacific coast of Tohoku Earthquake
	<i>Author</i>	Y. Hiyama, A. Yamagiwa, T. Kawahara, M. Iwata, Y. Fukuzaki, Y. Shouji, Y. Sato, T. Yutsudo, T. Sasaki, H. Shigematsu, H. Yamao, T. Inukai, M. Ohtaki, K. Kokado, S. Kurihara, I. Kimura, T. Tsutsumi, T. Yahagi, Y. Furuya, I. Kageyama, S. Kawamoto, K. Yamaguchi, H. Tsuji, S. Matsumura
	<i>Publisher</i>	Geospatial Information Authority of Japan (GSI), Tsukuba, Japan
	<i>Publication date</i>	2011-12
	<i>Series/Journal name</i>	Bulletin of the Geospatial Information Authority of Japan
	<i>Issue identification</i>	Volume 59
	<i>Page</i>	31-42
	<i>Data source</i>	ISO Geodetic Registry
	<i>Scope</i>	Spatial referencing
<i>Datum</i>	Japanese Geodetic Datum 2011 (vertical)	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

## Extent

<i>Description</i>	<b>Japan - onshore - Hokkaido, Honshu, Shikoku, Kyushu.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	129.5
	<i>North-bound latitude</i>	45.5
	<i>East-bound longitude</i>	145.8
	<i>South-bound latitude</i>	31.0

# ISO Geodetic Registry

<i>Item class</i>	VerticalDatum	
<i>Name</i>	<b>Japanese Geodetic Datum 2011 (vertical)</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	167	
<i>Alias</i>	JGD2011 (vertical)	
<i>Information source</i>	<i>Title</i>	Revision of the Results of Control Points after the 2011 off the Pacific coast of Tohoku Earthquake
	<i>Author</i>	Y. Hiyama, A. Yamagiwa, T. Kawahara, M. Iwata, Y. Fukuzaki, Y. Shouji, Y. Sato, T. Yutsudo, T. Sasaki, H. Shigematsu, H. Yamao, T. Inukai, M. Ohtaki, K. Kokado, S. Kurihara, I. Kimura, T. Tsutsumi, T. Yahagi, Y. Furuya, I. Kageyama, S. Kawamoto, K. Yamaguchi, H. Tsuji, S. Matsumura
	<i>Publisher</i>	Geospatial Information Authority of Japan (GSI), Tsukuba, Japan
	<i>Publication date</i>	2011-12
	<i>Series/Journal name</i>	Bulletin of the Geospatial Information Authority of Japan
	<i>Issue identification</i>	Volume 59
	<i>Page</i>	31-42
	<i>Data source</i>	ISO Geodetic Registry
	<i>Remarks</i>	Replaces Japanese Geodetic Datum 2000 (Vertical) from 2011-10-21.
	<i>Anchor definition</i>	Japanese Geodetic Datum 2011 (Vertical) consists of a leveling network on the main island of Japan referenced to a single origin point (Chiyoda-Ward, Tokyo) with a height of 24.3900m above MSL. The levelling network was amended in north east Honshu following the Tohoku Earthquake on March 11, 2011.
<i>Release date</i>	2011-10-21	
<i>Scope</i>	Spatial referencing	

## Extent

<i>Description</i>	<b>Japan - onshore - Hokkaido, Honshu, Shikoku, Kyushu.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	129.5
	<i>North-bound latitude</i>	45.5
	<i>East-bound longitude</i>	145.8
	<i>South-bound latitude</i>	31.0

# ISO Geodetic Registry

<i>Item class</i>	VerticalCS	
<i>Name</i>	<b>Vertical CS. Axis: height (H). Orientation: up. UoM: m.</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	42	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in vertical coordinate reference systems.	

## Axes

<i>Item class</i>	CoordinateSystemAxis	
<i>Name</i>	<b>Gravity-related height</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	35	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in a 1D vertical coordinate system.	
<i>Abbreviation</i>	H	
<i>Direction</i>	up	
<i>Unit</i>	metre	