

# ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	<b>WGS 84 EGM2008 - Oht</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	436	
<i>Alias</i>	WGS84	
<i>Alias</i>	EGM2008	
<i>Alias</i>	WGS 84	
<i>Information source</i>	<i>Title</i>	The development and evaluation of the Earth Gravitational Model 2008 (EGM2008)
	<i>Author</i>	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
	<i>Publisher</i>	American Geophysical Union
	<i>Publication date</i>	2012-04-19
	<i>Edition date</i>	2012-04-19
	<i>Series/Journal name</i>	Journal of Geophysical Research: Solid Earth
	<i>Issue identification</i>	Volume 117, Issue B4
<i>Information source</i>	<i>Title</i>	Correction to "The Development and Evaluation of the Earth Gravitational Model 2008 (EGM2008)"
	<i>Author</i>	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
	<i>Publisher</i>	American Geophysical Union
	<i>Publication date</i>	2013-05-09
	<i>Edition date</i>	2013-05-09
	<i>Series/Journal name</i>	Journal of Geophysical Research: Solid Earth
	<i>Issue identification</i>	Volume 118, Issue 5
	<i>Page</i>	2633.0
<i>Data source</i>	ISO Geodetic Registry	
<i>Scope</i>	Spatial referencing.	
<i>Datum</i>	WGS 84 EGM2008 Geoid	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

## Extent

<i>Description</i>	<b>World.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-180.0
	<i>North-bound latitude</i>	90.0
	<i>East-bound longitude</i>	180.0
	<i>South-bound latitude</i>	-90.0

# ISO Geodetic Registry

<i>Item class</i>	VerticalDatum	
<i>Name</i>	<b>WGS 84 EGM2008 Geoid</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	187	
<i>Alias</i>	WGS84	
<i>Alias</i>	EGM2008	
<i>Alias</i>	WGS 84	
<i>Information source</i>	<i>Title</i>	Correction to "The Development and Evaluation of the Earth Gravitational Model 2008 (EGM2008)"
	<i>Author</i>	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
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	<i>Title</i>	The development and evaluation of the Earth Gravitational Model 2008 (EGM2008)
	<i>Author</i>	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
<i>Information source</i>	<i>Publisher</i>	American Geophysical Union
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	<i>Series/Journal name</i>	Journal of Geophysical Research: Solid Earth
	<i>Issue identification</i>	Volume 117, Issue B4
	<i>Page</i>	
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Replaces EGM96 Geoid.	
<i>Anchor definition</i>	Zero-height vertical reference surface defined by EGM2008 equipotential undulation model consisting of spherical harmonic coefficients to degree 2190 and order 2159 using the WGS 84 ellipsoid.	
<i>Release date</i>	2008	
<i>Scope</i>	Spatial referencing	

## Extent

<i>Description</i>	<b>World.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-180.0
	<i>North-bound latitude</i>	90.0
	<i>East-bound longitude</i>	180.0
	<i>South-bound latitude</i>	-90.0

# 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	