ISO Geodetic Registry

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

Extent

Description	**World.**	
Geographic Bounding Box	*West-bound longitude*	-180.0
	North-bound latitude	90.0
	East-bound longitude	180.0
	South-bound latitude	-90.0

ISO Geodetic Registry

Item class	VerticalDatum	
Name	**WGS 84 EGM2008 Geoid**	
Item status	VALID	
Identifier	187	
Alias	WGS84	
Alias	EGM2008	
Alias	WGS 84	
Information source	*Title*	Correction to “The Development and Evaluation of the Earth Gravitational Model 2008 (EGM2008)”
	Author	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
	Publisher	American Geophysical Union
	Publication date	2013-05-09
	Edition date	2013-05-09
	Series/Journal name	Journal of Geophysical Research: Solid Earth
	Issue identification	Volume 118, Issue 5
	Page	2633.0
Information source	*Title*	The development and evaluation of the Earth Gravitational Model 2008 (EGM2008)
	Author	N.K. Pavlis, S. A. Holmes, S. C. Kenyon, J. K. Factor
	Publisher	American Geophysical Union
	Publication date	2012-04-19
	Edition date	2012-04-19
	Series/Journal name	Journal of Geophysical Research: Solid Earth
	Issue identification	Volume 117, Issue B4
Data source	ISO Geodetic Registry	
Remarks	Replaces EGM96 Geoid.	
Anchor definition	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.	
Release date	2008	
Scope	Spatial referencing	

Extent

Description	**World.**	
Geographic Bounding Box	*West-bound longitude*	-180.0
	North-bound latitude	90.0
	East-bound longitude	180.0
	South-bound latitude	-90.0

ISO Geodetic Registry

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

Axes

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