

## ASEAN Map Projection System

Reported During the 26<sup>th</sup> Meeting of Competent Authorities (MoCA)

Brunei Darussalam/February 13 & 14, 2019

Country	Reference Ellipsoid	Datum	Coverage	Map Projection System and Relevant Information
<b>1.Brunei Darussalam</b>	Ellipsoid: GRS80 a=6378137 m 1/f= 298.2572221	GDBD 2009	Land	RSO Projection Rectified Skew Orthomorphic (Oblique Cylindrical)
	Ellipsoid: WGS84		Open Sea	Projection: Universal Transverse Mercator (UTM) 50N
<b>2.Cambodia</b>	Ellipsoid: WGS84	Cambodia Geodetic 2009 (CGD09)	Land Surveying and Mapping  Cadastre	Projection: UTM
<b>3.Indonesia</b>	Ellipsoid: WGS 84	Geodetic Datum WGS84	Land Surveying and Mapping  Cadastre	Projection: UTM  Projection:TM3
<b>4.Lao PDR</b>	Ellipsoid:  Lao National Datum 1997  Spheroid: Krassovsky 1940	MSL Hon Dau Vietnam  a=6378245.000 b=6356863.018 1/f= 298.3		Projection: UTM 48N
<b>5.Malaysia</b>	Ellipsoid: ITRF2000 GRS80	GDM2000	Mapping  Cadastre	RSO Projection Rectified Skew Orthomorphic (Oblique Cylindrical) Projection: UTM
<b>6.Myanmar</b>	National Mapping (Myanmar Datum 2000)		Land	Projection: UTM Ellipsoid: - Everest 1830 (primary) - WGS 84 (secondary)
	Cadastral Mapping		Land	Projection: - Cassini, UTM Ellipsoid: - Everest 1830 (primary) - WGS 84 (secondary)
<b>7.Philippines</b>	Clarke 1866	Luzon Datum 1911	Topographic Mapping 1:250,000	Universal Transverse Mercator
		Philippine Reference System of 1992 (PRS92)	Topographic Mapping 1:50,000 and larger  Cadastral Surveys	Philippine Transverse Mercator (3° - longitude)
	Clarke 1866	Luzon 1911	Nautical Charting 1:100,000; 1:125,000; 1:600,000	Mercator
	WGS84	WGS84	Nautical Charting 1:150,000	

<b>8.Singapore</b>	Ellipsoid: WGS84	SVY 21	Land Surveying and Mapping Cadastre	Projection: TM
<b>9.Thailand</b>	Ellipsoid: WGS84 Everest Ellipsoid and Indian Datum 1975	WGS84 MSL 2458 at Kao Lak, Prachuapkhirikhan	Sea	Projection: - UTM - Plane Coordinate System and UTM for Engineering
<b>10.Viet Nam</b>				

Source: Minutes of the Meeting of Competent Authorities, Brunei Darussalam/February 2019.