

ABD MANAN SAMAD (Sr, Dr, Hj)

Honorary Professor

School of Geomatics Sciences & Natural Resources,
College of Built Environment (CBE),
Universiti Teknologi MARA,
40450 Shah Alam,
Selangor, Malaysia.

Research Interest Group:

1. Pixelgrammetry & AI-Idrisi RG (Pi-ALiRG)
2. Automation & Robotics RG (AUROB)
3. Transport Systems, Infrastructure and Intelligent Transport RG (TransIIT)

Research Nexus UiTM (ReNeU):

1. EK-ReNeU Logistics & Transportation
2. EK-ReNeU CyberTech

+603-5544 4501 / +6017-342 9999
manansamad@uitm.edu.my / dr_abdmanansamad@ieee.org



Areas of Expertise

Environment & Sustainable Development (Indicators); Digital Photogrammetric Engineering; Geoscience & Remote Sensing; GIS Applications

<https://expert.uitm.edu.my/profile.php?id=dB4SCSUeTp30A5tDNo1errgn9UxIwnOOR1leKZFhGRk=>

<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=VmtaV1UyRnJNVFpXVkJaT1IYcFdWbFZzYUhKTIZUbFNVRIF3UFE9PQ>

<https://uitm.pure.elsevier.com/en/persons/abd-manan-samad>

<https://www.scopus.com/authid/detail.uri?authorId=35093069600>

<https://www.researchgate.net/profile/Am-Samad>

<https://scholar.google.com/citations?user=2kyUYiUAAAAJ&hl=en>

https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=abd+manan+samad&btnG=

Personal Information

Professor Sr Dr Hj Abd Manan Samad
07712

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Academic Qualifications (PhD, Master, Degree, Diploma, Certificate/others,[year+University])

1. PhD in Environmental & Sustainable Development Indicators, 2005, Universiti Kebangsaan Malaysia
2. Master of Philosophy (Photogrammetry & Engineering Surv.), 1993, University College of SWANSEA, WALES, UK.
3. Post Grad Diploma in Trans., 1990, PPM/DBP
4. Bachelor of Surveying (Land)(Hons)., 1984, Universiti Teknologi Malaysia, Kuala Lumpur

Professional Members (Name of Body/member, Position, Duration)

1. The Institute of Electrical and Electronics Engineers USA (IEEE), Senior Member 9006218
2. Royal Institution of Surveyors Malaysia (RISM), Fellow F5560
3. Royal Institution of Chartered Surveyors United Kingdom (RICS-UK), Member 1270094

Teaching and Learning (Level of Degree, Course Name, Action)

1. Degree; Photogrammetry; Lecture, Tutorial & Laboratory
2. Degree; Engineering Surveying; Lecture, Tutorial & Fieldworks
3. Degree; Sustainable Development for Geomatician; Lecture & Laboratory

Student Supervision (Student Name and ID, Thesis/Dissertation Title, Semester, Level of Supervision, Action)

<https://expert.uitm.edu.my/profile.php?id=dB4SCSUEtp30A5tDNo1errgn9UxIwnOOR1leKZFhGRk=>

Publications (Author Name, Year, Title, Place of Publication, Publishers, Action/Role)

<https://prisma.uitm.edu.my/prisma/?doi=DirectoryStafByIdDetail&staffid=VmtaV1UyRnJNVFpXVkJaT1IYcFdWbFZzYUhKTIZUbFNVRIF3UFE9PQ>

<https://uitm.pure.elsevier.com/en/persons/abd-manan-samad>

<https://www.scopus.com/authid/detail.uri?authorId=35093069600>

<https://www.researchgate.net/profile/Am-Samad>

<https://scholar.google.com/citations?user=2kyUYiUAAAAJ&hl=en>

https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=abd+manan+samad&btnG=

Research Grants and Contracts (Author Name, Year, Title, Grant, Amount, Action/Role, Status)

<https://expert.uitm.edu.my/profile.php?id=dB4SCSUEtp30A5tDNo1errgn9UxIwnOOR1leKZFhGRk=>

History of Previous Research Fundings:

NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others)				
	Research Project	Source	Total Funds	Begin Year
1	Co Researcher, INVESTIGATING THE EFFECTIVENESS OF PHOTOGRAMMETRIC TECHNIQUES: GEOMETRIC RECORDING OF HISTORICAL BUILDING, SITES AND MONUMENTS [600-RMI/ST/FRGS 5/3/Fst(190/2010)]	FRGS	RM 40,000.00	2010
2	Principal Researcher, Web-Based GIS Solution towards Sustainability of World Heritage Site in Malaysia [LJT-UTM.J.27/25.14/1(43)]	FIG, LSB	RM 30,000.00	2011
3	Principal Researcher, INTEGRATION OF AIRBORNE LiDAR & GROUND LiDAR DATA AS A 3D TOPOGRAPHIC MAP SOURCE IN LARGE SCALE URBAN ENVIRONMENT MODELLING. [600-RMI/FRGS 5/3 (110/2012)]	FRGS	RM 50,000.00	2012
4.	Principal Researcher, Digital True Orthophoto Generation Using LiDSM and UAV Imagery in Low Altitude Large Scale Mapping. [600-RMI/ERGS 5/3 (49/2013)]	ERGS	RM 100,200.00	2013
5	Co Researcher, Development of Multi-Purpose Device & System for Forest Inventory & Mapping. [Science Fund: 06-03-10-SF0166/FRIM0000707] [FRIM394/671/2/18(55)]	Science Fund (MOSTI)	RM 140,000.00	2013
6	Co Researcher, Environmental Services Mechanism Payment Model in Cultural Landscape Conservation. [600-RMI/FRGS 5/3 (146/2013)]	FRGS	RM 91,000.00	2013

RESEARCH (RIF / Dana Kecemerlangan / Dana PSI / Dana CIFI) UiTM

	Research Project	Total Funds	Begin Year
1	Principal Researcher, LAND SUITABILITY MAP FOR NEW GRAPE PLANTATION AREA: AHP MULTI CRITERIA APPROACH. [600-RMI/ST/DANA 5/3/Dst(218/2009)]	RM10,000	01/01/2010
2	Principal Researcher, A STUDY ON NEW SCHOOL LOCATION DETERMINATION USING GEOGRAPHICAL INFORMATION SYSTEM (GIS) APPROACH. [600-RMI/ST/DANA 5/3/Dst(150/2009)]	RM 8,000	01/01/2010
3	Principal Researcher, THE PLANIMETRIC ACCURACY ASSESSMENT OF ORTHORECTIFIED SATELLITE IMAGERY. [600-RMI/ST/DANA 5/3/Dst(264/2009)]	RM 8,000	01/01/2010
4	Principal Researcher, WEB GIS SOLUTION FOR DECISION MAKING SYSTEM OF TOWN PLANNING SUSTAINABLE DEVELOPMENT. [600-RMI/ST/DANA 5/3/Dst(274/2009)]	RM 8,000	01/01/2010
5	Principal Researcher, DIGITAL CLOSE RANGE PHOTOGRAMMETRY (DCRP) IN FACADE RECORDING AND DENCE SURFACE MODELLING (DSM) FOR CULTURAL HERITAGE BUILDING IN MALAYSIA. [600-RMI/ST/DANA 5/3/Dst(185/2009)]	RM 8,000	01/01/2010
6	Co Researcher, FLOOD WATER LEVEL PREDICTION AND TRACKING USING PARTICLE FILTER ALGORITHM.	RM32,000	01/01/2013
7	Principal Researcher, Digital True Orthophoto Generation Using LiDSM and UAV Imagery in Low Altitude Large Scale Mapping. (Part 2). [600-RMI/DANA 5/3 PSI(106/2013)]	RM 60,000.00	01/06/2013
8	Principal Researcher, Digital True Orthophoto Generation Using LiDSM and UAV Imagery in Low Altitude Large Scale Mapping. (Part 3). [600-RMI/DANA 5/3 CIFI(2/2013)]	RM 60,000.00	01/06/2013

Tajuk Projek	APPRAISING EFFECT OF TIDAL AMPLITUDE PARAMETER TOWARD SALT MARSH REGARDS TO RELATIVE SEA LEVEL RISE
Kod Projek	600-IRMI/DANA 5/3/BESTARI (00010/2016) Science & Technology
Tempoh	1 September 2016 – 31 Ogos 2018
Jumlah Peruntukan	RM 35,000.00

Consultation & Expertise (Appointment, Organization, Title, Level, Year, Action/Role)

<https://expert.uitm.edu.my/profile.php?id=dB4SCSUEtp30A5tDNo1errgn9UxIwnOOR1leKZFhGRk=>

Services & Administration

1. Course Tutor - Dip. in Geomatics Sc.
2. Program Head - Dip. in Geomatics Sc.
3. Chair - Research & Consultation
4. Chair - Photogrammetry Laboratory
5. Chair - JSUG Laboratory
6. Panel Assessor - Research Grant Proposal (ERGS, FRGS, PRGS, LRGs)
7. Examiner - External & Internal (Postgraduate)
8. Academic & Curriculum Advisors



Abd Manan Samad is a Professor at the College of Built Environment (CBE), Universiti Teknologi MARA (UiTM), Shah Alam, Selangor, MALAYSIA. He has served over 35 years in education system. He has extensive experiences in Land & Engineering Surveying, Photogrammetry, Remote Sensing and GIS research, and has published over 350 articles.