PROFESSIONAL SUMMARY



Landscape architecture, facilities management and construction management professional with experience across government, local authority, higher education, consultancy and business leadership. Professional background covers agriculture, landscape architecture, municipal landscape management, academic teaching, research, project management, landscape design, arboriculture and professional training. Areas of professional interest include Landscape Architecture, Facilities Management, Construction Management, Green Technology and Arboriculture.

LAr. Ts. Dr. Hj. Kamalludin bin Bilal

Landscape Architecture • Facilities Management • Construction Management
Professional Technologist • Certified Arborist • HRD Corp Accredited Trainer
• Certification Of Train The Trainer CIDB • Certificate Of Completion Train-The-Trainer (TTT) HRD Corp
Johor Bahru, Johor, Malaysia | +60 13-752 3032 | +60 7-520 0728
lotus.design11@gmail.com | kamalludinla67@gmail.com

CORE COMPETENCIES

- Landscape Architecture & Landscape Planning
- Landscape Construction Management
- Facilities Management
- Construction Project Management
- Landscape Maintenance Management
- Arboriculture & Tree Management
- Green Technology & Green Infrastructure
- Project Planning & Development
- Risk Management & Value Management
- Technical Training & Professional Development
- Academic Teaching & Research Supervision
- Public-Sector & Local Authority Projects

PROFESSIONAL EXPERIENCE

Managing Director
Lotus Design and Services | Current
- Professional and business leadership in landscape design, consultancy and training services.

Managing Director
Lotus Sketch Sdn Bhd | Current
- Business leadership and professional services.

Board of Director
Ladang Asam Bubuk Sdn Bhd | Current

- Board-level organizational and governance responsibilities.

Board of Director
Koperasi Asam Bubok Berhad | Current

- Board-level organizational and governance responsibilities.

Member, Development and Physical Committee
Universiti Tun Hussein Onn Malaysia (UTHM) | 2025–2027

- Committee participation relating to development and physical matters.

Senior Lecturer
Department of Construction Management, Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia (UTHM) | 2008–2019

- Delivered teaching across construction management, facilities management, landscape architecture, project planning, risk management and related subjects.
- Supervised undergraduate and postgraduate research projects in construction, facilities management, green technology and related fields.

Landscape Director
Landscape Department, Johor Bahru City Council (MBJB), Johor, Malaysia | 2001–2008

- Led landscape-related functions and supported municipal landscape development, design and maintenance activities.
- Managed and contributed to public landscape and recreation development projects.

Landscape Architect
Department of Construction and Asset Management, Universiti Teknologi Malaysia (UTM), Skudai, Johor | 1999–2001

- Professional landscape architecture responsibilities within construction and asset management.

Assistant Agriculture Officer
Department of Agriculture Johor, Malaysia | 1989–1999

- Agricultural technical and operational responsibilities over a 10-year period.

EDUCATION & PROFESSIONAL CREDENTIALS

PhD: Facilities Management — Universiti Teknologi Malaysia (UTM)

Master of Science: Facilities Management — Universiti Teknologi Malaysia (UTM)

Bachelor: Landscape Architecture — Universiti Teknologi Malaysia (UTM)

Diploma: Agriculture — Universiti Pertanian Malaysia (UPM)

- Corporate Member, Institute of Landscape Architects Malaysia (ILA Malaysia), Registration No. 0400223
- Certified Arborist, International Society of Arboriculture (ISA Malaysia), MY-0304A
- Professional Technologist (PT18070057) — Building and Construction Technology
- Train the Trainer (TTT), CIDB
- Train the Trainer (TTT), HRD Corp
- HRD Corp Accredited Trainer

AREAS OF PROFESSIONAL INTEREST

- Landscape Architecture
- Facilities Management
- Construction Management
- Green Technology
- Arboriculture

TEACHING & TRAINING EXPERTISE

- Construction Project Management
- Construction Facility Management
- Landscape Construction Management
- Introduction to Landscape Architecture
- Advanced Construction Technology
- Project Planning and Development
- Construction Organisation
- Value Management
- Risk Management
- Research Methodology
- Engineering Drawing
- Building Services
- Professional Ethics in Construction Practice
- Facilities Management
- Land Economy
- Landscape Maintenance Management
- Tree Pruning & Site Safety
- Tree Maintenance
- Shrubs and Climbers Maintenance
- Turf Maintenance
- Nursery and Compost Management

GUEST LECTURER / PANEL EXPERIENCE

- Specification and Guideline of Landscape Maintenance Works Performance — Institut Tadbiran Awam Negara (INTAN), 2007.
- Park Management Plan Module for Public & Recreational Park Project at Bandar Diraja Klang — Persatuan Industri Landskap Malaysia (SILARA), 2008.
- Landscape Basic Courses Module — Ministry of Education Malaysia, 2008.
- Municipal Landscape Architecture — Universiti Teknologi Malaysia, 2008.
- Soil Science — Universiti Teknologi Malaysia, 2008.
- Landscape Horticulture Diploma Student Final Project Evaluation Panel — Politeknik Nilai, Negeri Sembilan, 2017.
- PNS Research & Innovation Development Programme — Politeknik Nilai, Negeri Sembilan, 2017.
- Introduction to Arboriculture in Professional Practice Landscape Architecture — UTM, 2017–2018.

RESEARCH

- Enhancing Financial Effectiveness of The Municipal Solid Waste Renewable Energy Recovery in Malaysia — Team Researcher, Tier 1 (2018–2020).
- A Novelty Multi-Criteria Decision Support System: Sustainability Construction Project Evaluation and Selection — Project Leader, Tier 1 (2017–2019).
- Best Practice Transfer for Islamic Cemetery Ground Management System (SPTPI): Conceptual Park Technology Using Geographical Information System (GIS) — Team Researcher, KPM Knowledge Transfer Programme (2013–2015).

SELECTED PUBLICATIONS

- Norliana Sarpin, Syahidah Lagiman, Kamalludin Bilal, Narimah Kasim & Rozlin Zainal (2017). Improvement of the Relationship Between Main Contractor and Subcontractor for Successful Construction Project Implementation. Advanced Science Letters.
- Ihfasuziella Ibrahim, Wan Zahari Wan Yusoff & Kamalludin Bilal (2012). Space Management: A Study on Space Usage Level in Higher Education Institutions. Procedia - Social and Behavioral Sciences, 47, 1880–1887.
- Ihfasuziella Ibrahim, Wan Zahari Wan Yusoff & Kamalludin Bilal (2012). Space Charging Model: As an Effective Space Management Tool in Higher Education Institutions. Advances in Management & Applied Economics, 2(3), 163–179.
- K. Bilal, H.M. Ali, I. Sipan & N. Ali (2014). A Review on Criteria for Green Infrastructure to be Adopted by Local Authorities. International Journal of Public Policy and Administration Research, 1(1), 1–11.
- K. Bilal, S.N. Ali, A.S.A. Naim & N. Ali (2014). Job Stress Level as Perceived by Staffs in the Government Sector: Case Study MARA Kuching, Sarawak. International Journal of Management Excellence, 3(1).
- K. Bilal, H.M. Ali, I. Sipan & N. Ali (2014). Conceptual Framework of Green Infrastructure Performance Evaluation for Local Authority. International Journal of Sustainable Development & World Policy, 3(3), 55–66.
- N. Ali, K. Hussin, I. Ashmat & K. Bilal (2014). Abandoned Development as a Brownfield Site: Case Study Kemayan City, Johor Bahru. Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management.
- Mustaffa Anjang Ahmad et al., including Kamalludin Bilal (2015). Conceptual Design of the Islamic Cemetery with Technology Park Concept. International Conference on Knowledge Transfer.
- K.C. Goh et al., including K. Bilal (2018). Evolution of Precision Agriculture Computing Towards Sustainable Oil Palm Industry. Indonesian Journal of Electrical Engineering and Computer Science, 8, 725.
- Norliana Sarpin et al., including Kamalludin Bilal (2018). The Improvement of Relationship Between Main Contractor and Subcontractor for Successful Construction Project Implementation. Journal of Advanced Research in Dynamical and Control Systems, 9, 432.

SELECTED PROFESSIONAL & CONSULTANCY PROJECTS

- Project Manager — Segget Walk Development, Johor Bahru City Council.
- Project Manager — Orchid Park Development, Johor Bahru City Council.
- Project Manager — Merdeka Park Development, Johor Bahru City Council.
- Project Manager — Pandan Lake and Recreation Park Development Project, Johor Bahru City Council.
- Project Manager — Landscape Upgrading of Sultan Abu Bakar Palace, Johor Bahru.
- Project Manager — Ecological Park Development, Johor Bahru City Council.
- Project Manager — Johor Traditional Malay House Development, Johor Bahru City Council.
- Event Manager — Johor Bahru International Orchid Show (2003, 2006 & 2007).
- Event Manager — Kuala Lumpur Orchid and Bonsai Show (2015 & 2017).

- Landscape Design — New Entrance at Starhill Golf & Country Resort.
- Landscape Plan — Jabatan Penerangan Negeri Johor, Kompleks Penerangan & Penyiaran Sultan Iskandar, Johor Bahru.
- Landscape Design / Planning — residential, serviced apartment, hotel, mixed development and public landscape projects across Johor.
- Landscape Construction — Petrol Station (Shell), Taman Sierra Perdana, Mukim Plentong, Johor Bahru.
- Design and Build — Taman Perdana Labuan and supply-and-build hardscape, softscape and electrical works at Floria Putrajaya 2013.
- Landscape Design — Upper Thomson, Singapore.
- Landscape Plan — District Police Headquarters (IPD) Nusajaya, Johor.
- Landscape Design — Berjaya Waterfront / The Zon, Johor Bahru.
- Landscape Plan — mixed commercial development, Southern Industrial and Logistics Clusters, Johor Bahru.
- Landscape Plan — Prima residential development, Larkin Indah, Johor Bahru.
- Landscape Design — Student Residential Colleges, Pagoh Higher Education Hub, Muar, Johor.

AWARDS & ACHIEVEMENTS

- First Place — UNESCO Prize for Landscape Architecture, International Landscape Architectural Students Competition, 34th IFLA World Congress, Buenos Aires, Argentina (1997).
- Second Place — Landscape Design Competition for proposed 7 Blocks / 70-unit 5-level apartment dormitory, International Islamic University Malaysia, Gombak Campus (1997).
- First Place — Landscape Design Competition, Johor State Landscape Day (2001).
- Second Place — Landscape Design Competition, Johor Pacific Asia Orchid Show (2001).
- Second Place — Landscape Design Competition, Johor State Landscape Day (2002).
- Second Place — Landscape Design Competition, Johor State Landscape Day (2003).
- First Place — Landscape Design Competition, Johor Bahru International Orchid Exhibition, Local Authority Category (2003).
- Third Place — Lighting Award, Kuala Lumpur International Festival (2004).
- Second Place — Creative Award, Kuala Lumpur International Festival (2004).
- Second Place — Creative Award, Kuala Lumpur International Festival (2004).
- Third Place — Lighting Award, Kuala Lumpur International Festival (2004).
- Second Place — Landscape Design Competition, Johor International Orchid Exhibition, Local Authority Category (2006).
- First Place — Leadership Award, Kuala Lumpur International Festival (2006).
- Second Place — Flower Fields Category, Kuala Lumpur International Festival (2006).
- First Place — Johor State Park Landscape Competition (2006).
- First Place — Landscape Recreation Forest / Agricultural Park Competition (2006).
- Second Place — Main Road Landscape / Protocol Competition (2006).
- First Place — Landscape Design Competition, Johor Bahru International Orchid Exhibition, Local Authority Category (2007).
- First Place — Landscape Design Competition, Johor State Landscape Day (2007).

PROFESSIONAL & ORGANIZATIONAL ACTIVITIES

- Chairman, Malaysian Organic Entrepreneur Association (2018–Current).
- Deputy Chairman, Taman Seri Seri Ara Residents Association, Pontian, Johor (2010–Current).
- Treasurer, Malaysian Orchid Contemporary Organization.
- Association of Entrepreneurs (Makmur).
- Chairman / Deputy Chairman, Association of Senior High School Science High School (SAKTI) (2013–2016).

SELECTED ACADEMIC TEACHING RECORD

- 2019: Industrial Training; Construction Organisation; Value Management; Landscape Construction Management; Introduction to Landscape Architecture.
- 2018: Construction Facility Management; Construction Project Management; Advanced Construction Technology; Construction Organisation; Project Planning and Development; Introduction to Landscape Architecture.
- 2017: Engineering Drawing; Construction Project Management; Construction Facility Management.
- 2016: Introduction to Landscape Architecture; Engineering Drawing; Construction Facility Management; Construction Organisation; Research Methodology; Project Planning and Development; Construction Project Management.
- 2015: Introduction to Landscape Architecture; Construction Facility Management; Professional Ethics in Construction Practice.
- 2010: Introduction to Landscape Architecture; Building Services; Industrial Training; Construction Facility Management; Risk Management.
- 2009: Facilities Management; Risk Management; Construction Facility Management; Building Services.
- 2008: Land Economy.