



## Research Officer

**Haryati Zainal**

**Tel : +603-8769 3976**

**Email : [haryati@mpob.gov.my](mailto:haryati@mpob.gov.my)**

### **INTEREST:**

- Sustainable development, Life cycle sustainability assessment (LCSA), and sustainable goals development (SDGs)

### **EDUCATION:**

- Bachelor of Chemical Engineering Technology (Environment) (Hons).  
University of Kuala Lumpur Malaysian Institute of Chemical  
Bioengineering Technology (UniKL MICET)

### **AREA OF RESEARCH:**

- Life cycle sustainability assessment (LCSA), life cycle assessment (LCA), social LCA (S-LCA), environmental management, standardization (auditor) and biomass utilisation (biochar)

### **AREA OF EXPERTISE:**

- Life cycle sustainability assessment (LCSA), life cycle assessment (LCA), social LCA (S-LCA)