

JAPAR SIDIK BUJANG

Ph.D. (Universiti Sains Malaysia)

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EXPERTISE

Biology & Seagrass Ecology/ Mangrove



Japar Sidik Bujang is Professor of Biology at Universiti Putra Malaysia (UPM). He was awarded a PhD in Biology in 1989 by the Universiti Sains Malaysia, Malaysia. He studied taxonomy, biology, and habitat characteristics of seagrasses and mangroves for over 25 years. His team has conducted studies on distribution, diversity and uses of aquatic macrophytes. Currently the team's research are on identification of seagrass using morphology and molecular approach, monitoring of seagrass coverage and adaptability to stressors, and techniques for the remote sensing of seagrass changes in coastal estuaries. He is currently the Director of University Agriculture Park, UPM

CURRENT RESEARCH INTEREST :

Identification of Malaysian Seagrasses using Morphology and Molecular Approach The project involves the revision on the taxonomic identification and differentiation among and within seagrass populations based on morphological characteristics and DNA extraction methodology.

Identification of Location and Seagrass Areal Coverage using Remote Sensing Technology in Coral Triangle Initiatives (CTI) Region of Sabah This research covers the Coral Triangle (CT) of Sabah to generated map based on Landsat imagery and seatruth data. The objectives are: 1) to detect seagrass meadows and delineate their spatial cover, 2) to quantitatively describe and establish baseline data in the form of seagrass cover map against which future distribution estimates could be compared in the study area, 3) to develop Landsat image based monitoring tool for seagrass distribution mapping and retrospective seagrass cover change detection analysis. The research also focuses upon improving and developing monitoring tools that can be utilized for resource inventory and decision-making activities.

LINK TO POSTGRADUATE FIELD OF STUDY:

Botany, Ecology, Marine Conservation

ADDITIONAL INFORMATION:

profile.upm.edu.my/japar/profail.html