

Review Article

## REVIEW AND EXPERIMENTAL STUDY OF MACRO ALGAE SPECIES AND THEIR NATIVE HABITAT

Sulaiman O Olanrewaju<sup>1,\*</sup>, Amagee A<sup>1,2</sup>, Kader ASA<sup>3</sup>

<sup>1</sup>Marine Technology Center, University Technology Malaysia, 21030 UTM, Skudai, Johor, Malaysia

<sup>2</sup>Technip, Jalan Tun Razak, Kuala Lumpur, Malaysia

<sup>3</sup>Bureau Veritas, Jalan Sulatan Hishamuddin, Kuala Lumpur, Malaysia

Received: 09.06.2015 / Accepted: 16.06.2015 / Published online: 19.06.2015

**Abstract:**

Environmental considerations will increasingly determine use of macro algae product and improve process acceptability that drive the next generation of economic opportunity. Some countries including Japan are actively promoting a macro algae 'green' technology that is many growing demand worldwide in the coming decades. In this context, biomass refer to any source of heat energy that is produced from non-fossils biological materials. Different macro algae survive in different habitat. This paper describe review of macroalgae species as well as qualitative and quantitative experimental analysis of the types of macro algae which are suitable cultivation in Malaysia water. This approach would identify the oceanic parameters that are most suitable for the macro algae and conduct species matching.

**Keywords:** Algae species, Macroalgae, Water sampling.

---

\*Correspondence to:

**ASulaiman O.Olanrewaju**, Marine Technology Center, University Technology Malaysia, 21030 UTM, Skudai, Johor, Malaysia

E-mail: [osulaiman@gmail.com](mailto:osulaiman@gmail.com) Tel:+609668-3697 Fax: +609-6683193