



Research

The screenshot shows a web browser window with the URL sdgs.usu.ac.id/en/article/swqi-specific-water-quality-index-for-tropical-coastal-lakes. The page header includes the SDGs Center Universitas Sumatera Utara logo and navigation links such as 'Prospective Students', 'Students', 'Alumni & Career', 'Lecturer & Staff', 'International Visitors', 'Information Systems', 'Accreditation & Achievement', and 'Work Units'. The main content area features a large image of a tropical coastal lake with a city skyline in the background. The image contains SDG icons for '6 Clean Water and Sanitation' and '14 Life Below Water', and a text overlay that reads 'Specific Water Quality Index for Tropical Coastal Lakes'. Below the image, the article title 'SWQI: Specific Water Quality Index for Tropical Coastal Lakes' is displayed, followed by the publication date '17 October 2024' and the author 'David Kevin Hendar Pribadi'. The article text begins with 'Discover how the Siombak Water Quality Index (SWQI) provides a solution for measuring water quality in tropical tidal lakes, such as Lake Siombak, with innovative parameters that overcome the limitations of the traditional Water Quality Index.' and continues with 'Amid the increasing challenges of water scarcity and pollution, the quality of water flowing through rivers, lakes, and coastal areas has become increasingly important. The Water Quality Index (WQI) has long been used to assess water conditions, providing a clear numerical representation of how clean or polluted a particular water source is. However, not all water bodies share the same characteristics. Specifically, tidal lakes or estuaries, which experience complex interactions between freshwater and saltwater, require a specialized approach. This is where the Siombak Water Quality Index (SWQI) comes in, serving as a tool designed to address the unique

More details can be read on the page: <https://sdgs.usu.ac.id/en/article/swqi-specific-water-quality-index-for-tropical-coastal-lakes>



Community Service

More details can be read on the page: <https://ff.usu.ac.id/id/berita/pengabdian-kepada-masyarakat-dosen-fakultas-farmasi-universitas-sumatera-utara-usu-laksanakan-edukasi-penyuluhan-pengelolaan-air-minum-di-yayasan-az-zikro-lailatul-qodar-deli-serdang>



Tim PKM Fakultas Vokasi USU Berikan Seperangkat Mesin Filter RO 2000 GPD ke Pesantren Sahabat Quran Binjai

Admin SP - Sabtu, 10 Agustus 2024 | 18:27 WIB



More details can be read on the page: <https://sumutpos.jawapos.com/pendidikan/2374962167/tim-pkm-fakultas-vokasi-usu-berikan-seperangkat-mesin-filter-ro-2000-gpd-ke-pesantren-sahabat-quran-binjai>