

15 LIFE ON LAND



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“This is the second of two SDGs that look at the broader ecosystem – the other being SDG 14: Life Below Water. Life on land is a precious resource – we need to ensure that it is passed on to future generations, at a time when loss of biodiversity is an increasing concern. Different universities will have responsibility for very different landscapes and the life within, but all have a responsibility as stewards of their environment.”

(THE Impact Rankings)





SUPPORTING LAND ECOSYSTEMS THROUGH EDUCATION

Support The Conservation of Biodiversity, ITS Innovates Smart Surveillance

A good monitoring system is one of the most important things in implementing forest conservation. To integrate the monitoring system into the barcode system, KKN Community Services Program (KKN-PM) team from Institut Teknologi Sepuluh Nopember (ITS) initiated digitalization to facilitate regular monitoring systems by forest area managers. To supervise flora species in Sumber Pawon Forest, Kediri, a barcode will be placed in front of the tree or plant to show various information related to the flora such as species name, distribution, rarity status, age, general description, and plant benefits.



SUPPORTING LAND ECOSYSTEMS THROUGH ACTION

Handing over 13 Semeru Endemic Orchids, TNBTS Supports ITS Smart Eco Campus

The Smart Eco Campus which has been declared since 2011 by the Institut Teknologi Sepuluh Nopember (ITS) continues to be empowered and plays an active role in the development of environmentally sound science and technology. Supporting this as well as conservation on the ITS campus, Bromo Tengger Semeru National Park (TNBTS) handed over 13 types of Semeru orchids in the yard of the ITS Rectorate Building, Wednesday, 13 April 2022.





LAND SENSITIVE WASTE DISPOSAL

Circular Letter of ITS Rector No. 50268 Year 2019 about the Use of Disposable Plastic Bottled Water and Plastic Bags in the ITS Environment

One of ITS' efforts in increasing the awareness of the academic community about land-sensitive waste disposal is having a policy regulating single-use plastic drinking water packaging. By encouraging procurement of dispenser, organic food packaging, and non-plastic banners, ITS undertake Smart Eco Campus programs more intensively.



LAND SENSITIVE WASTE DISPOSAL

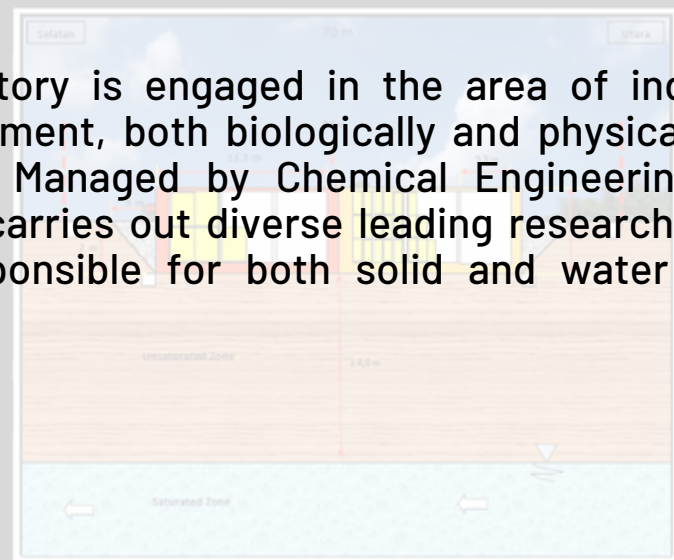
Industrial and Biomass Waste Treatment Laboratory



Indonesia

Design of Demonstration Disposal

This laboratory is engaged in the area of industrial waste treatment, both biologically and physically and chemically. Managed by Chemical Engineering, this laboratory carries out diverse leading research topics and is responsible for both solid and water waste treatment.



Disposal :
Near Surface Disposal