

BUILD A GREEN ENVIRONMENT FREE OF WASTE WITH SYSTEM 3R (REUSE, REDUCE, AND RECYCLE)
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Environment damage is currently a topic that is widely discussed. Forrest fires, erosion, floods, droughts, landslide are part of it. Excessive exploitation of the environment is carried out in an effort to improve welfare without taking into account survival. Exploitation continues to be carried out from day by day, thus causing environmental problems to become more complicated and complex.

Environmental damage occurs in almost all ecosystems, across regions and across countries. Starting from the pollution of water, air, soil B3 waste and garbage to the depletion of the ozone layer, global warming and climate chance are very serious environmental problems.

The problems of environmental harmony that has existed for centuries is suddenly lost of human indifference to the surrounding environment. Behavior that destroy the environment includes behaviors that focus on meeting immediate needs that must be met. Some of them are water use behavior, fuel or energy use behavior that does not to make into account the future of the next generation.

The environment does not only belong to the current generations. People generally only realize the importance of protecting the environment when there has been damage that has an impact on material and non-material losses. While the processes that occur in it are often forgotten. This means that peoples behavior which so far determines the quality of the environment is not given to much attention. The high risk of disaster in an area can be seen from the level of environmental damage that occurs in the area. Environmental damage can occur because of waste that is allowed to accumulate and cannot be fully processed by human. Therefore, it is necessary for the awareness of each community not to add to environmental damage, especially because of waste.

The application of waste with 3R concept (reuse, reduce, and recycle) can be used as a solution to preserve the surrounding environment in a very easy an inexpensive way. The processed waste can be used as compost or even a new source of electricity. The application of 3R concept can be applied by anyone every day.

This concept has a core, namely reuse (reusing waste that can still be used or can do other work), reduce (reducing everything that causes or creates waste), recycle (reprocessing waste or recycling into a product or item that can be useful).

Bibliography

Dinas lingkungan hidup. (2019). Pengelolaan sampah dengan sistem 3R,
<https://dlh.bulelengkab.go.id/informasi/detail/artikel/pengelolaan-sampah-dengan-sistem-3r-24>

Pande made kutanegara. (2018). Membangun masyarakat Indonesia peduli lingkungan.
Synopsis.

<https://ugmpress.ugm.ac.id/id/product/lingkungan/membangun-masyarakat-indonesia-peduli-lingkungan>