
P177. ENVIRONMENTAL CONTAMINATION FROM ACCUMULATION OF ANTIBIOTICS AND WIDESPREAD POLLUTION PATHWAYS

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Antibiotics are usually removed by dumping trash in form of solid waste and thrown to toilet. Antibiotics which thrown to trash, the leak water in the landfill makes it more difficult for water treatment. If there is no landfill, dumpsites leak water may mix up with groundwater. The antibiotics thrown to toilet can be transported from sewage to waste water treatment plant and those antibiotics will often be transmitted to surface waters without treatment in terms of waste water treatment plant. Therefore, it is possible to come across with antibiotic residues in surface waters. Pollution on surface water where there is no waste water treatment revealed by the researches done previously. Moreover, antibiotics may also cause soil contamination. It can be shown up as a result of feeding animals by antibiotics. If animal feces are used as fertilizer in soil it damages human and animals in food chain. Besides, antibiotics in soil may leak underground water by rain. This is why there is a high risk that surface and groundwater might mix with drinking water

In this study, it will be demonstrated that damage when it is released to nature and activities in result of environmental threats by utilizing studies completed before.

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