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Biomedical Ethics

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Robotic Sloth

The article I chose is about a robotic sloth that is being used to collect data from the environment. This sloth robot is completely 3D printed and is completely run on solar power. It even will move to a sunlit area when it becomes low on charge. They will use this sloth robot non-living chemical and physical parts of the environment. This will help scientist to better understand how to protect rare species and endangered ecosystems. The scientists chose to copy the movement pattern and looks of a sloth because there is a certain value of slowness that was found in other studies.

I thought this article was super interesting and cool. I love that scientists are looking for alternative ways to collect data in ecosystems with a less invasive approach. I also really admire that they are completely run on solar power and they are 3D printed which is pretty cool. I think this will be a new innovative way to do research in the future. They only have one sloth robot up and running and actively collecting data, but it will only be a matter of time when they are all over.

I also like that this is something positive in our world right now because there is a lot of negative things going on with the corona virus. It is also taking a step in a positive direction to help with global warming. They created a robot to collect data that doesn’t cause any carbon dioxide emission. It might not be a lot but every little thing counts.

Citation:

Imster, E. (July 30th, 2020) Check Out This Sloth Robot. *Earth Sky*. Retrieved From: <https://earthsky.org/earth/sloth-robot-video>