

## Creatively Communicating Concepts in Satellite-based Synthetic Aperture Radar (SAR) For Forest Monitoring Applications

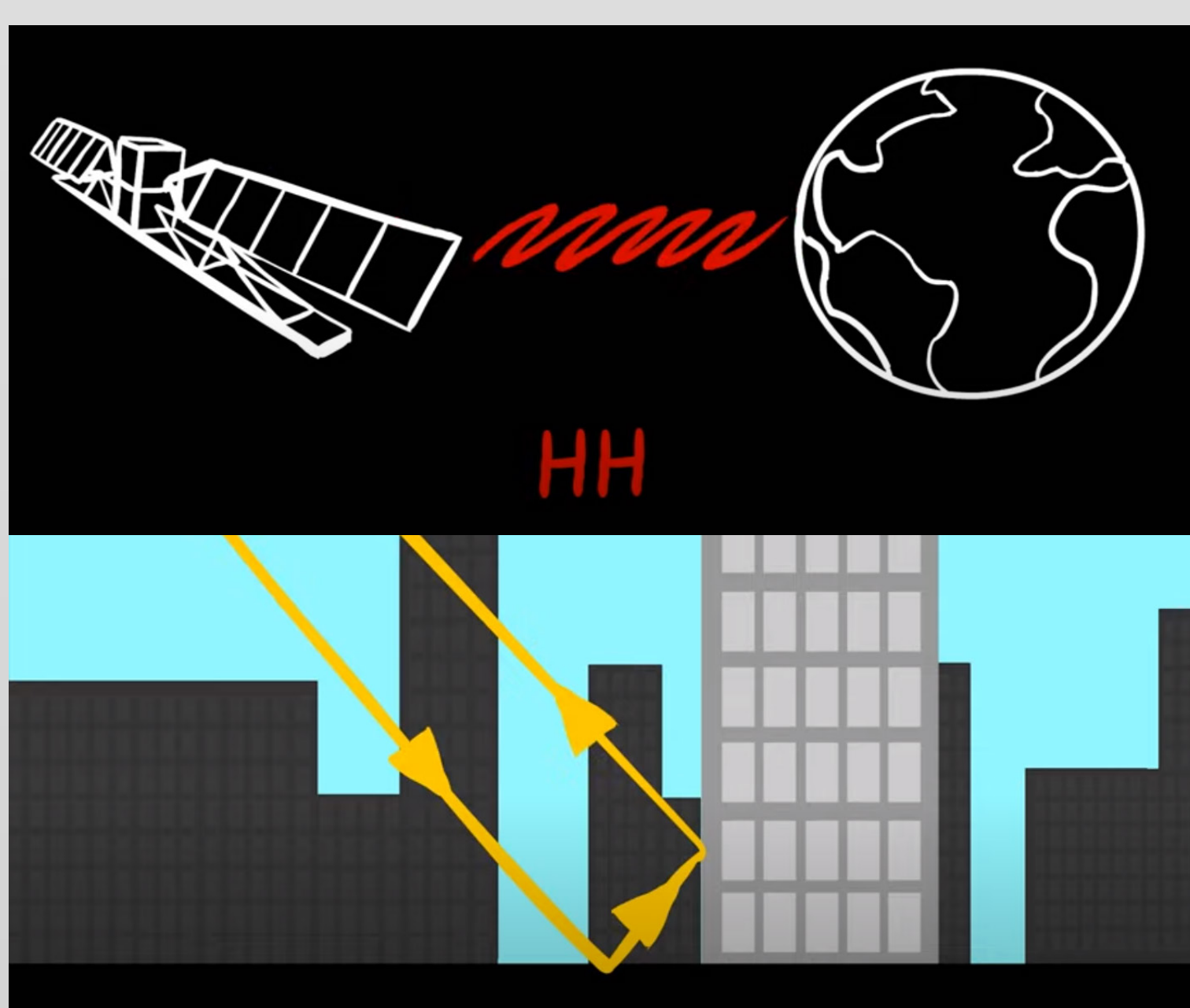
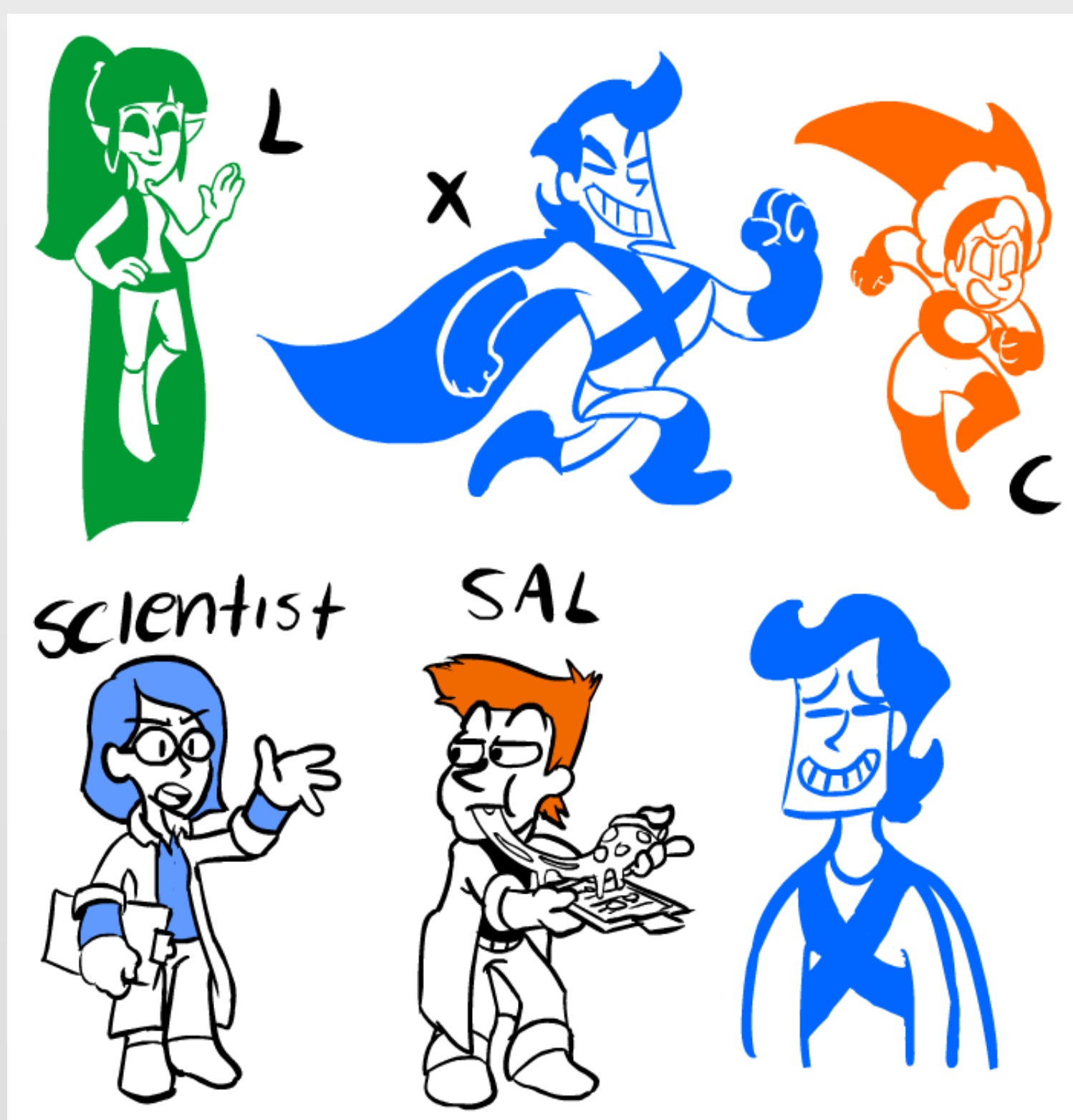
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### Overview

The goal of this project was to create a set of explanatory animations focusing on satellite-based SAR technology for the joint NASA-USAID SERVIR project. Synthetic Aperture Radar, or SAR, is an imaging technology that allows for mapping up-to-date visualizations of Earth's surface, regardless of atmospheric or weather interference. Using satellites with SAR sensors, scientists are able to collect unique information on forest stand height, biomass, and moisture conditions.

### Production Process

The production process included writing scripts for the video series, designing the characters through concept art, creating storyboards to set the pace and vision of the animations, recording voice-overs for the characters, and finally animating the videos. Additional features were added in post, such as intro and outros, sound effects, music, and credit reels



### Acknowledgements

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