

## Climate Change Effects on The Amazon Rainforest

### **Purpose**

This project aims to raise awareness and educate the public about the history of the Amazon Rainforest and the impacts of climate change. The Amazon Rainforest, often referred to as the "lungs of the Earth," plays a crucial role in maintaining the global ecological balance. However, it faces unprecedented threats from deforestation, climate change, and human activities. This project will visually depict significant events in the Amazon Rainforest's history and illustrate the cascading effects of deforestation on a map.

The primary purpose of this project is to create an engaging and educational platform that informs users with comprehensive information about the Amazon Rainforest while raising awareness about the urgent need for conservation efforts and the global implications of deforestation and climate change. The project will also use interactive elements to make complex environmental data accessible and compelling to a broad audience, promoting action by encouraging user participation in conservation efforts.

### **Audience**

The main audience for the website includes the general public interested in learning more about one of the world's most vital ecosystems.

### **Plan**

This project will create an interactive map of the Amazon Rainforest and the effects of climate change using HTML for structure, CSS for styling, and JavaScript for interactivity. It

will feature a timeline displaying key areas of deforestation in the Amazon Rainforest, allowing users to see the data visually.

One of the biggest challenges for this project is conducting research and ensuring that all historical and climate change data on the website are accurate and come from reliable sources. Another challenge is ensuring accessibility for all users. To address this, I will use semantic HTML elements, add descriptive alt text for images, ensure keyboard navigation for interactive elements, and maintain sufficient color contrast with readable font sizes for better accessibility.

The Climate Change Effects on the Amazon Rainforest website is an educational platform that showcases key events and challenges affecting the Amazon. Using modern web technologies and a user-friendly design, the site aims to inform and inspire action. With careful planning and community support, the project will overcome challenges and succeed.