

Argument: There are more advantages to urban green roofs than disadvantages so they should be used more as a solution to climate change.

Importance of Issue: Climate change is an issue of increasing importance due to the growing population and urbanization of cities. With an increase in the global temperature, there is a risk to the life of humans and there can be a serious decline in the biodiversity of life on earth.

Audiences: I plan to reach environmental engineers, environmental architects, policy makers, and children. The email genre will be used for environmental engineers and environmental architects. I will make a PowerPoint to appeal to the policy makers and a children's book to appeal to children.

Email: The email will be addressed to environmental engineers and architects. This will include information from my research about sustainable materials to use for green roofs. The sources I will use for this are "Effects of Biochar and Sludge on Carbon Storage of Urban Green Roofs" by Chen et al and "Recycled Agricultural Plastic Waste as Green Roof Drainage Layer Within the Perspective of Ecological Transition for the Built Environment" by Cascone et al. I will explain the benefits to using more sustainable materials to convince them to use these materials to design and build green roofs. This will have a professional attitude and be persuasive through evidence from previous research.

Power Point: I will use this genre to simplify the benefits of green roofs to policy makers to convince them that they should enforce rules and regulations that favor urban green roofs. Each

slide will have a specific focus. The slides will include the topics from my investigative field essay including how green roofs can minimize the urban heat island effect, absorb a major greenhouse gas (carbon dioxide), control stormwater runoff, and insulate buildings. I can also include images, color, and graphs to give the audience something to look at during the presentation to maintain their attention for a more convincing argument.

Children's book: The purpose of this genre is to help children learn about why it is important to take care of the environment. It is important for kids to be aware of environmental issues at an early age so they can advocate for bigger issues when they get older. It will teach about how cities are a large contributor to climate change and as more people are born, cities grow, and forests are cut down. Green roofs can bring greenery back that was destroyed in the construction of cities. With limited space on the ground, roofs are all around and plants can be grown on them to help save the earth. This is a straightforward way to understand the issue. More simple vocabulary needs to be used for a children's book, so the kids can understand. I will also use pictures. I am not sure which is the best platform for making a children's book. I could do it on paper and then scan it. I need to decide this. The book will need a title that appeals to children. The title could be something like "Mr. Green Saves the World." It can be a story of a plant being chopped down from a forest and then eventually added back onto the roof of a building.