

# URBANIZED NORTHWEST ARKANSAS: AN ANALYSIS OF NORTHWEST ARKANSAS' RISING DEVELOPMENT

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Environmental Geology – Paul Lowrey

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EMPACTS

# Introduction

## Rising Development alongside Ecological Preservation

For my project, I intend on filming a documentary-style examination on the effects of our growing community. Utilizing knowledge gained over the semester, I will discover what ecological practices are considered when building new structures and how new development could alter our local environment.

The reason I chose this topic is because I feel that the subject matter has become increasingly significant. Since we consider ourselves “The Natural State”, I felt it was appropriate to understand how Arkansas exhibits an eco-friendly mentality.



# Community

- Not only will this video be posted on the NWACC website, but it will also be uploaded to YouTube for anyone to see. Once finished, I will show my interviewees the final product and ask them how I can further broadcast this. I will make a post telling my followers that I made this video and to check it out.
- Understanding the cause and effects of human interaction with the environment can help a community solve issue they face at a local level.



- I want the video to be engaging and promote curiosity in the world of natural science. It can also inform people about what they should consider in their lifestyle choices and decision making (buying a house, navigating the area, preserving the landscape, etc.)

# Curriculum

- I will use the skills I learn from ArkGIS Online to present map renderings of the information that I collect through my interviews and research.
- This video has...
  - related geological principles to environmental issues
  - Described the geological factors affecting the use, supply, contamination, and treatment of surface and groundwater resources
  - Recognized the relationship between humans and the environment, particularly the effects of population growth on natural systems

# Technology

I have taken a Video Production and Editing class here at NWACC. In high school I spent all four years taking Journalism class, specializing in photography and newspaper. With this type of background, I took on the chance to combine these skills together and create a documentary.

The software I used include:

- Adobe Premiere Pro (Video)
  - Adobe After Effects (Animations)
  - Adobe Audition (Audio)
  - Adobe Art Illustrator (Graphics and Animation)
- I have my own camera and computer for editing.
  - I utilized ArkGIS Online, USGS Water Information System, and links provided on Canvas

# Skill Development

- This project will improve my animation and video editing skills. My interviews will help my communication skills with professionals and learn how to better prepare for future interviews.
- My research improve my analytical skills as I will thoroughly study my topic in order to acquire the general knowledge necessary to inform my audience.
- Using the ArkGIS software, I learned how to interpret maps to gather information and data regarding the geological condition of a particular area.

# Methodology and Work Flow

- Feb 17<sup>th</sup> ) I received the feedback and made as many revisions as I could.
- Feb 18<sup>th</sup> – 25<sup>th</sup> ) I scheduled my interviews, gathered footage, and conducted my research.
- Feb 28<sup>th</sup> ) I interviewed Noah Billig and Eric Fuselier and gathered extra footage.
- Feb 29<sup>th</sup> – Mar 4<sup>th</sup> ) I began uploading the content I had and started editing
- Mar 5<sup>th</sup> ) I interviewed Kurtis Cecil
- Mar 6<sup>th</sup> – Mar 10<sup>th</sup> ) I started creating my graphics and animating
- Mar 11<sup>th</sup> ) I interviewed Bill Roachell
- Mar 12<sup>th</sup> – Mar 31<sup>th</sup> ) I worked on my video alongside classwork and changes made with my Job

# Methodology and Work Flow

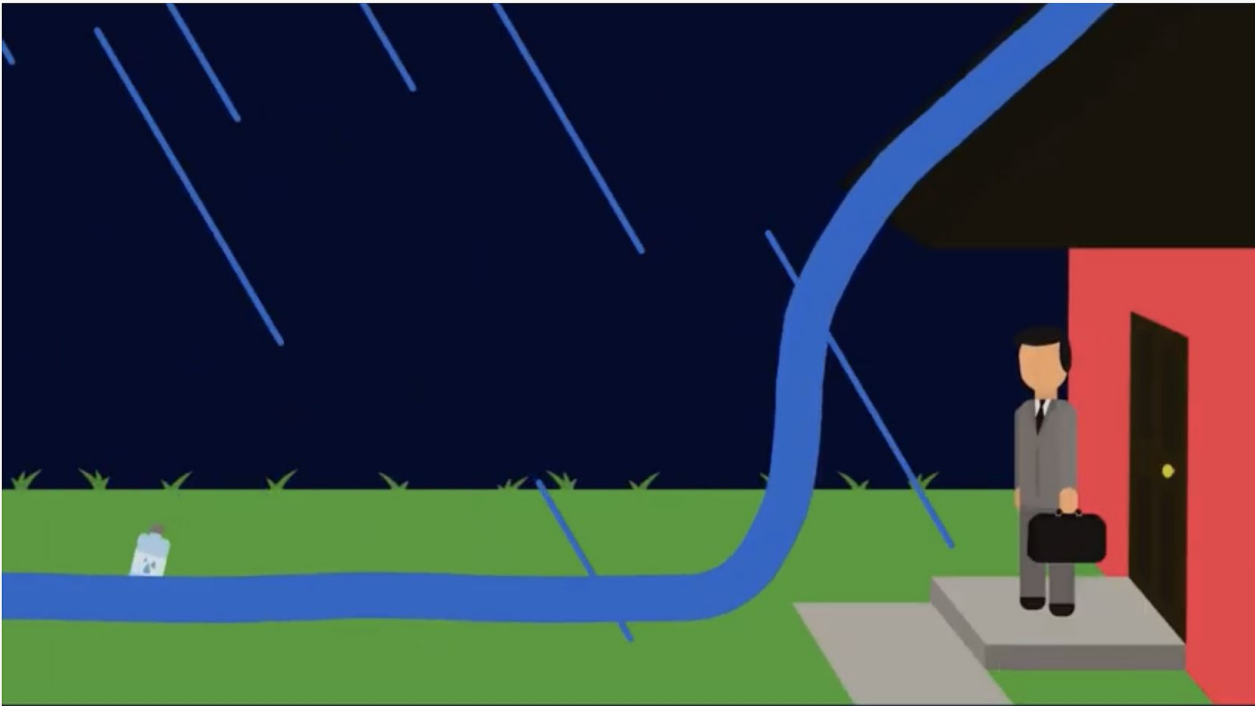
- When COVID-19 resorted to online classes, I was a little bummed out and unmotivated which got in the way of my video progress.
- Apr 1<sup>st</sup>) I moved into my own apartment.
- Apr 2<sup>nd</sup> – Apr 30<sup>th</sup>) I continued editing and animating, gathering additional footage when needed.
- May 1<sup>st</sup> – May 6<sup>th</sup>) I made final touches and completely revised this presentation

Thank you for a wonderful semester! I enjoyed studying under you professor.



# Product - YouTube Animation

<https://youtu.be/xNKmovtC484>



The video player shows a stylized illustration of a man in a grey suit and black tie standing in a doorway. The doorway is set against a red wall. Outside, it is dark blue with several diagonal blue lines representing rain falling. A blue stream flows from the doorway across a green lawn. A small white trash can is visible on the lawn. The video title is "Urbanized Northwest Arkansas - GEOL 1134". Below the title, it says "5 views • May 7, 2020". To the right of the view count are icons for likes (0), comments (0), share, save, and a menu icon. Below the video player, the channel name "Ryan Jurik" is displayed next to a circular profile picture. A red "SUBSCRIBE" button is located to the right of the channel name. Below the channel name, the category "People & Blogs" is shown.

Urbanized Northwest Arkansas - GEOL 1134

5 views • May 7, 2020

0 0 SHARE SAVE ...

Ryan Jurik

Category People & Blogs

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**THANK YOU**

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