

Video Lecture Notes

Visualizing the Nexus, Do You Speak 5D?

- STEAMM education – Science Technology Engineering Art Math Music
 - Growing up in the Florida public school system, art and music programs were always first to suffer from cuts – reduced availability to students
 - Exposure to a holistic education provides unique perspectives and problem-solving skills
- Effective communication can be accomplished through visualization
 - Text can be intimidating and unwelcoming for those unfamiliar with a given topic
 - Can be effective at addressing barriers related to language, culture, subject familiarity, and even emotion

Reading Notes

“A Methodology to Assess the Water Energy Food Ecosystems Nexus in Transboundary River Basins”

- Integrated resource approaches do not consider interlinkages and contexts outside of a single relationship – of significance, cultural and social effects are typically overlooked in “silo” and integrated approaches
- In addition to Food, Water, and Energy interlinkages, Ecosystems may also be considered as a crucial component of Nexus thinking
- Stakeholder communication is crucial in decision making – different parties may all have different goals and policies for a single shared resource.
 - Inconsistencies and incompatibilities must be identified
 - Common interests should also be identified to reduce the potential for hostility
- Nexus approaches should be deemed “potential beneficial actions” rather than “recommendations” – unintended consequences, relationships, and feedback loops are a part of a nexus approach; therefore, a proposal requires extensive operational assessment before it can be a recommendation

Experience creating models in Blender and Roblox

For my first attempt at using any model/ video creating software, I found Blender to be an exciting tool, but one that is going to take me more dedicated time to learn how to use. After about several hours throughout the span of the week of trying to navigate through Blender, I decided to switch over to Roblox which I found to be much more beginner friendly. The final product on Roblox is not what I had initially envisioned. However, I learned that many of the basic building blocks and commands are very similar on both programs. I am looking forward to my next attempt at Blender – I have a new idea that I would like to visualize and share!