

Investigation: Final Check List

This checklist outlines the criteria I will use to review your Investigate section.

Please ensure that your work clearly addresses **each point** before submitting.

If any part is missing or unclear, you are expected to revise it independently using the checklist before resubmitting.

1. Investigating the Brief:

- a. **What** forests do in relation to biodiversity and health of the planet {habitats for plants and animals, store carbon.....} *Make a connection with the risk you are choosing to model.*
- b. **What** specific **risks** threaten forests. *Focus on risk you are planning to model*
- c. **Explain** why modelling is useful for exploring how forest risk levels. *Make a clear connection to the risk you are choosing to model.*

Hint: allows different **what-if** environmental scenarios e.g., **what-if** the temp increased by 4 degrees - to be tested **over time** without affecting real forests.

Note: It is all about your **evidence**, i.e., what is referenced

2. Existing Solutions

- Evidence * 3 of solutions {systems}.

- **what is the purpose** of the system
- **what data** does it gather and **how** does it gather it
- **what does it model** - brief explanation.
- **a limitation / weakness** of the system

3. Research Informed Decision: {Must refer to something from your research}

- What data you chose to collect and **why?** *Because my research showed...*
- What risk or process you chose to simulate over time and why? *My research led me to choose...*
- What type of simple model you chose and why? *As a result, I decided to use...{rules based / Decision T..*

4. Final Idea: {A summary of what you have decided to do}

- **the environmental risk your project focuses on,**
- **the type of data** you will need to collect,
- **what the system represents or simulates over time**, {risk change over time}
- **why you chose this theme**, including one limitation.

Citation Tool Link: [APA Citation Generator](#)