***Disaster Risk and Value Management Individual assignment for PPM students (60%)***

1. Critically evaluate disaster and economic development in the context of Ethiopia.
2. Review critically Ethiopia’s disaster risk management policies.
3. Every project involves risk and every project needs to have a management strategy for dealing with the threats and opportunities represented by each risk. Thus,
4. Briefly discuss the techniques used in risk analysis.
5. Discuss the strategies for dealing with project risk responses.
6. Discuss the difference between business risk and project risk.
7. Discuss briefly the methods used to identify project risks.
8. Why do trends of disasters increase over time?
9. Discuss DRM practices that are taking place in your area?
10. Some people believe that God uses natural calamities to discipline human kind. Others reject that notion. Still others do not know what to believe. Discuss your beliefs in this regard.
11. Are there any spiritual practices that increase vulnerability in your locality? Discuss briefly.
12. In what ways could the church reduce vulnerability in your community? discuss briefly.
13. What are the two main measurable components of a hazard?
14. What are the elements of a society on which a hazard has indirect effects?
15. Indicate whether the following hazards are natural (N) or human-made (HM) in their origin. Link them to possible causes. Flooding, Storm surge, Volcanic eruption, Hurricanes, Radioactive pollution

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| Hazard | Cause | Origin |
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1. After the inundation 10 years ago caused by the river overflow, your house was flooded and you had to be evacuated by rescue patrol. Since then, several levees have been constructed on the river to protect homes and other properties. This year it is predicted that rainfall will be higher than normal and it is expected that some of the levees may be breeched. Voluntary evacuation is recommended by the river authorities. Would you voluntarily evacuate or would you see this as an acceptable risk and stay?
2. List the four important risk identification activities.
3. What are the two main measurable components of a hazard?
4. On March 11, 2011, a 9-magnitude earthquake struck the east coast of Japan and triggered a tsunami with waves estimated to be greater than 30 meters, destroying many cities and villages. The earthquake and tsunami claimed over 15,000 lives and left over 2,000 missing. This catastrophic event severely damaged the Fukushima Nuclear Power Plant, resulting in the release of radioactive material. Radioactive contamination from the power plant added to the public health effects from the tsunami and earthquake.
5. How would you classify this disaster?
6. What are the potential resulting effects of the disaster?
7. What are the likely public health implications?
8. What are the possible direct health effects?
9. What are the possible indirect health effects?
10. What are some potential response challenges?