PhD VIVA at Université de Lomé

Candidate:

Ms. Ibiyêni Paula Nadège DOSSOUMOU

from **Benin**

Topic:

"Modeling Household Flood Risk Management in the Lower Mono River Basin, Togo–Benin (WEST AFRICA)"

Brief Summary:

HEC RAS model was used to test structural measures that are effective from the point of view of households to cope with flood risk in the Lower Mono River basin which is each year flooded and have huge impact on the population surrounding it. The results of the different analyses showed that climate change and bad management of Nangbeto dam represent the hydrological drivers to flooding and the presence of households in low land areas and close to the river, having less income and education level are the social drivers to flood. The choice of the household to adapt and choose a specific adaptive measure is positively influenced by their experience of past flood events and the exposure of their agricultural plot. A combination of structural measures (drainage systems and retention basins) and structural measures (capacity building, awareness raising) can significantly reduce the impact of flooding in the study area.

Chair of the viva-voce: Prof. Edinam KOLA, Université de Lomé, Togo
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Examiners:
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Zoom link: https://us06web.zoom.us/j/8699389805?pwd=HWPLZw5Z53eQRC8VECgbk5ttSNXIFk.1
Meeting ID: 869 9389 5805
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