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# Climate change impacts on water resources in the Nakanbe River basin (Burkina Faso)

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## Résumé

Due to the close link between climate and socioeconomic activities, societies in West African are more vulnerable to rainfall variability and changes. The region has experienced a number of severe droughts since the end of the 1960s. Due to rapid population growth, the pressures on the environment and natural resources have been exacerbated, leading to profound changes in land uses. The impacts of historical climate variability and changes, combined with the effects of land use changes on hydrological processes and water resources, are now well documented. However, there have been few attempts to deal with future climate variability and changes, and their impacts on runoff and water resources. The Foundation 2iE, through the international AMMA program (African Monsoon Multidisciplinary Analyses) investigated a lot in this issue focusing on the Nakanbe river basin (Upper Volta river basin) in Burkina Faso. Ongoing projects and some results will be presented during the workshop.

**Mots-Clés:** Climate change, water resources, land uses, Nakanbe

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