

Profile



Aya Diane Larissa
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Position:
PhD Student

Organization:
University Jean
Lorougnon Guédé, Côte
d'Ivoire

Field of research:
Biodiversity and
Sustainable Ecosystem
Management

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Leadership Program for Emerging African Women in Science

Restoring Ecosystems and Combating Climate Change



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Aya Diane Larissa Houphouet is deeply committed to environmental conservation. In collaboration with the Office Ivoirien des Parcs et Réserves (OIPR), she monitors the natural regeneration of former agricultural areas in the Taï National Park in Côte d'Ivoire. Her work focuses on modelling vegetation reconstitution and determining the carbon stock sequestered by plant formations.

"My research will enable the construction of models capable of explaining the dynamics of vegetation reconstitution, as well as forecasts of the short and long-term carbon stock," she says.

These models and maps will aid park managers in decision-making and contribute to Côte d'Ivoire's strategy to reduce greenhouse gases through the reducing emissions from deforestation and forest degradation in developing countries (REDD+) process by 2030. Through AWARD's Leadership Program for Emerging African Women in Science, Aya has built her self-confidence, leadership potential and networking skills. "With the skills and knowledge acquired during the program, I hope to make a significant impact in my field of work and within my community," she adds.