

Nature-Based Solutions for Climate Change Adaptation and Mitigation

Priority Area	
Green Transition	
Abstract	
<p>As recognised in the IPCC AR6 report, Africa and Europe are highly vulnerable to climate variability and change, with consequences for heat-related morbidity and mortality, biodiversity loss, reduced food production, and water scarcity. To reduce risks associated with climate change and to safeguard economic development, transdisciplinary research and adaptation measures based on nature-based solutions are urgently needed. Here, through the Africa-Europe Cluster of Research Excellence (CoRE) on Nature-based Solutions for Climate Change Adaptation and Mitigation, we propose to build a multi- and transdisciplinary research capacity and network between European and African academic and research institutions with the following long-term ambitious objectives: (1) to establish a climate service hub for Africa, (2) to develop a NbS innovation hub, (3) to implement innovative NbS adaptation and mitigation measures, and (4) to establish a training infrastructure promoting the creation of doctoral networks and educational activities to promote cultural and educational exchanges between European and African universities.</p>	
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