

# LEVERAGING NATURE- BASED SOLUTIONS FOR ECOSYSTEM RESILIENCE AND WATER SECURITY

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Talkshow Studio, Level 5  
or watch broadcast online

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We build resilient futures



AFRICAN DEVELOPMENT BANK GROUP  
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Achieving SDG 6 - ensure availability and sustainable management of water and sanitation for all - will only happen through collaborative efforts to build a strong foundation of healthy ecosystems across countries, geographies and spatial scales. Healthy ecosystems generate services that are essential for water, energy and food security, the cornerstones of global development objectives. At the same time, activities in each of these sectors need to ensure optimal water supplies in terms of quantity and quality, which are also impacted by climate change. Ecosystem based adaptation is a critical climate response strategy that harnesses Nature-based Solutions (NbS) for restoring ecosystems to ensure adequate and predictable ecosystem services.

This session brings together key actors to explore why NbS is so important for people, nature and our climate and will examine the governance, development and finance solutions that together, make up the necessary conditions for success in building resilience.

Resilience thinking has become the foundation for addressing the biggest development challenges of our time: providing water, energy, and food (WEF) to all, while staying within the limits of planetary boundaries that is in a climate crisis. A concurrent school of thought has led to the realisation that water, energy, and food systems are intricately linked (WEF Nexus), and should

therefore be understood and managed in concert.

This session will explore how NbS can be leveraged for ecosystem resilience and, in turn, water, energy, food and climate security (WEFE Nexus 4 Climate). It will:

1. Highlight the centrality of leveraging NbS for resilience and water security in the WEFE nexus across scales, sectors, domains, and disciplines;
2. Emphasise the centrality of cooperative governance and integrated institutions for bridging the implementation gap while guaranteeing social justice and equity, and sustainable economies (WEFE Nexus 4 Climate and Development) and
3. Propose investment framework approaches for financing WEFE systems that enable climate resilience combined with positive development outcomes.

The speakers and panellists are drawn from thought leading and finance institutions well placed to discuss best practices and examples of leveraging and financing NbS to enable nexus approaches and climate resilient development outcomes. Interactive discussion with the audience will challenge current thinking and delve into the complexities of transformative approaches for NbS.

## FEATURED SPEAKERS



**DIANE ARJOON**  
Principal Rural Water  
Security Officer  
African Water Facility at the  
African Development Bank



**JOAKIM HARLIN**  
Chief Manager  
UNEP-DHI Centre



**BELYNDA PETRIE**  
CEO  
OneWorld Sustainable  
Investments