

Webinar Series  
**Building Nexus Resilience:  
Addressing Migration and Conflicts in Water-Energy-Food Systems**

**Background**

Global crises, spanning conflicts, economic instability, and natural disasters, have propelled significant global migration, with more than 280 million international migrants in 2020, according to the UN International Organization for Migration. Push and pull factors for migration include water stress, extreme water events, energy poverty, and food insecurity. This surge in migration trends also challenges host nations, particularly in regions already facing resource scarcity challenges. Anticipated climate change and population growth will exacerbate these challenges, causing nonlinear impacts across water, energy, and food systems.

The 2030 Agenda for Sustainable Development recognizes the intricate interdependencies among these resource systems, but their complex relationships with migration (forced, economic, rural-urban, internal, external) remain insufficiently addressed. Understanding the connections between migration and key environmental resources (e.g., water, energy, and food) and how resource scarcity influences migration needs further study. Existing nexus models often fail to capture the nuanced interplay with conflicts and migration. Nexus communities from across the globe (e.g., North America, Africa, and Europe) search for better tools to understand these trends and interconnections and guide anticipatory action toward improving the resilience of communities facing these pressures. Moreover, there is a need to understand the impact of the various underlying conditions and vulnerabilities on amplifying disaster risks related to water, energy, and food systems that lead to migration. Also, connecting the vulnerability and resilience of resource systems (primarily water, energy, and food) with the nexus still need to unravel solutions for long-term sustainable development. The webinar series is aimed to fill this gap.

**Objective:** This webinar series aims to catalyze cross-disciplinary, cross-institutional, and international dialogues toward understanding the knowledge gaps and opportunities in taking a holistic, systems approach to addressing these tightly interconnected challenges. With a focus on water, energy, and food systems, the webinar series will also consider other key environmental resources like climate, land, and ecosystems.

**Outcome:** The webinar series is envisioned to facilitate the development of a common framework and road map for integrating migration in nexus assessment tools. This would contribute to exploring and developing anticipatory tools and strategies incorporating migration dynamics into nexus assessments, aiming to guide policymakers, researchers, and practitioners toward evidence-based, sustainable, and resilient solutions.

**Webinar partners:**

Texas A&M University, UNU-FLORES, SustainFood Network, NEXUSNET, IWRA

**First Webinar:** May 30<sup>th</sup>, 3:00-4:30 PM (CET), 8:00-9:30 (CST) - [Registration Link](#)

**Frequency:** Quarterly. While this first webinar introduces the topic, the next will focus on tools and models, and the third will focus on governance.

**Example topics:**

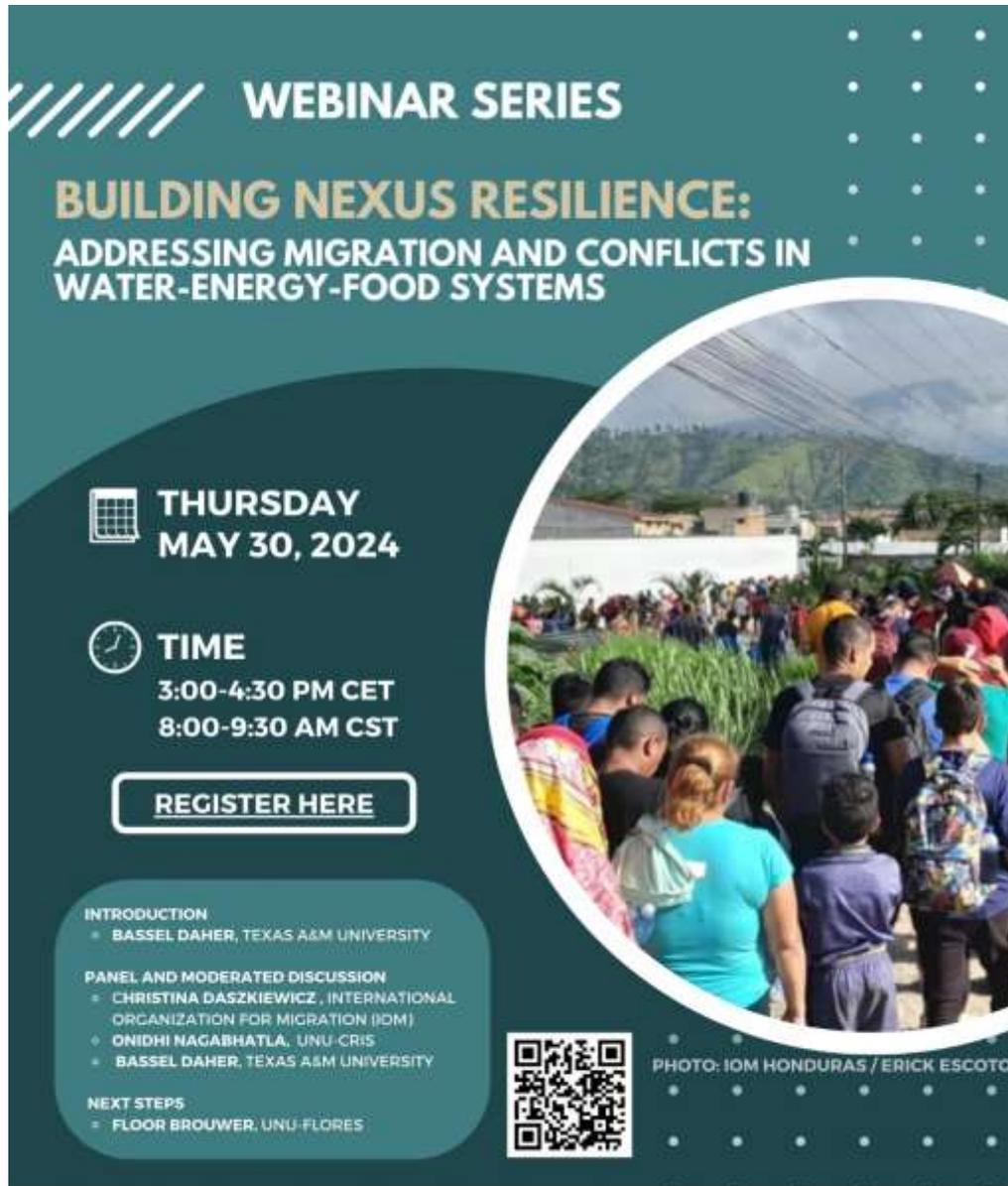
- Integrating Migration into (water-energy-food) WEF Nexus models for informed decision-making
- WEF Nexus approaches as a guide for disaster risk reduction in fragile contexts
- Resource Nexus as an early indicator of regional conflicts
- Decision Support Tools for Anticipating WEF-Linked Migration
- Economic Migration and its WEF Nexus Implications
- Enhancing Migration Models through WEF Nexus Analysis

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**Webinar Format:** Panel presentations (3-4 panelists) + Q&A (with online audience engagement and interactive segments)

**Organizing Committee:**

- Bassel Daher, Texas A&M University, SustainFood Network, and IWRA
- Floor Brouwer, United Nations University – Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)
- Chrysi Laspidou, NEXUSNET



The poster features a dark teal background with white and yellow text. At the top, it says 'WEBINAR SERIES' in white. Below that, the main title 'BUILDING NEXUS RESILIENCE: ADDRESSING MIGRATION AND CONFLICTS IN WATER-ENERGY-FOOD SYSTEMS' is written in yellow and white. A circular inset on the right shows a group of people, including children, in an outdoor setting. On the left, there is a calendar icon next to the date 'THURSDAY MAY 30, 2024', a clock icon next to the time '3:00-4:30 PM CET' and '8:00-9:30 AM CST', and a 'REGISTER HERE' button. Below the time information, there are sections for 'INTRODUCTION', 'PANEL AND MODERATED DISCUSSION', and 'NEXT STEPS', each with a list of speakers and their affiliations. A QR code is located at the bottom right of the poster, with the photo credit 'PHOTO: IOM HONDURAS / ERICK ESCOTO' next to it.

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**BUILDING NEXUS RESILIENCE:  
ADDRESSING MIGRATION AND CONFLICTS IN  
WATER-ENERGY-FOOD SYSTEMS**

**THURSDAY  
MAY 30, 2024**

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**INTRODUCTION**

- BASSEL DAHER, TEXAS A&M UNIVERSITY

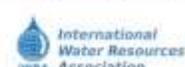
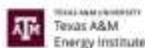
**PANEL AND MODERATED DISCUSSION**

- CHRISTINA DASZKIEWICZ, INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)
- ONIDHI MAGABHATLA, UNU-CRIS
- BASSEL DAHER, TEXAS A&M UNIVERSITY

**NEXT STEPS**

- FLOOR BROUWER, UNU-FLORES

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