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Nearctic LLC

“WATER SECURITY, INNOVATION & EDUCATION: BUILDING SUSTAINABLE ECONOMIES THROUGH CONSERVATION”



*Event: RECLAIM Conference (Renewable Energy &
Clean Living for Agriculture, Innovation & Mobility)
Theme: “Converging Forces: Where Innovation Meets
Impact”*

Presented by: Briyidt Ripamonti– Founder &
Global Director, SOSWATER CORP.



**Catalyst
Now**

“WATER IS NOT ONLY LIFE – IT’S THE FOUNDATION OF RESILIENCE, INNOVATION, AND PROSPERITY.”



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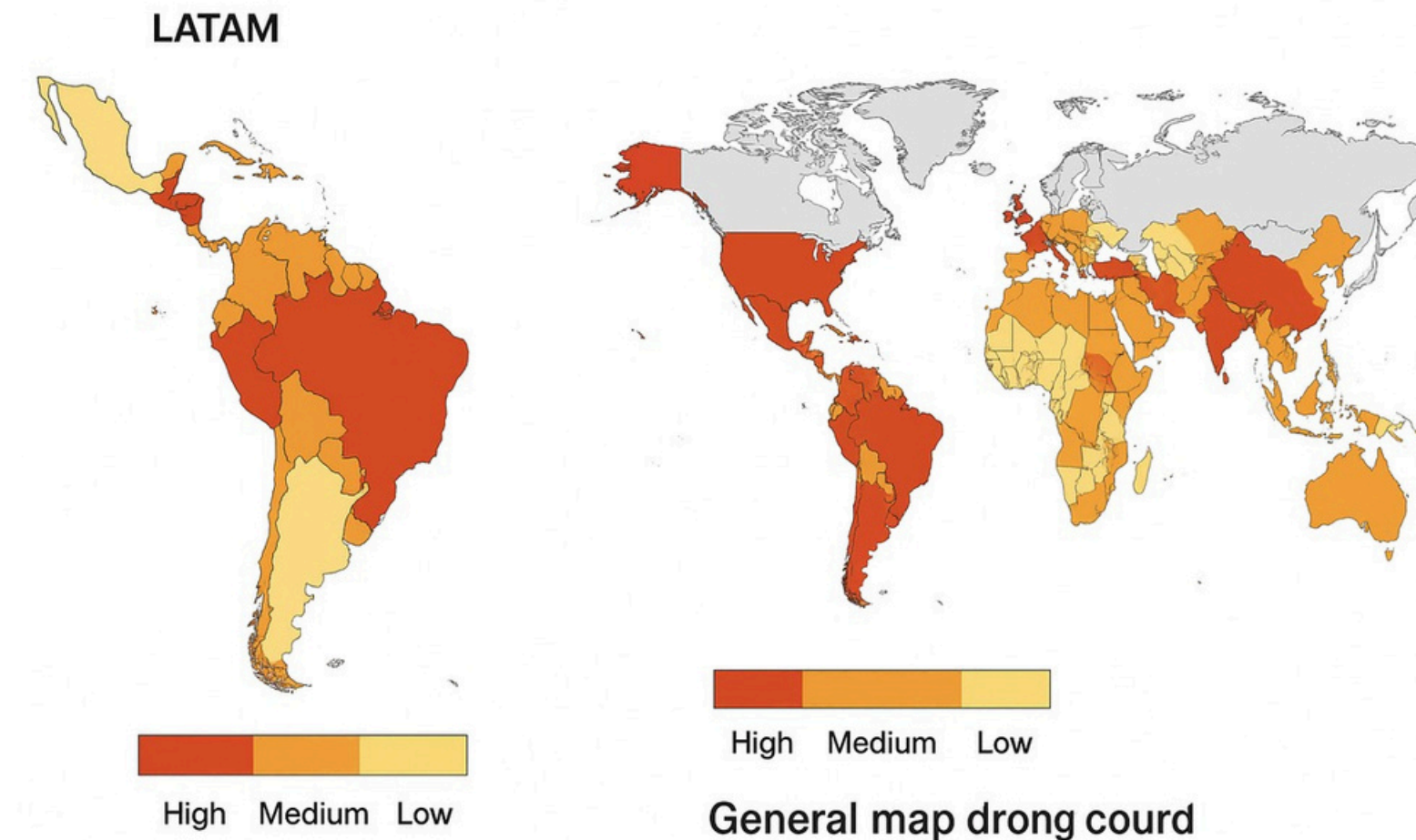
- Flowingwatermerging into sustainable farms & urban skylines.

The Global Context

Water at the Heart of Agriculture & Growth

Key Points:

- Agriculture accounts for ~70% of freshwater use globally.
- In Latin America, water stress and poor irrigation efficiency threaten food security.
- Climate change is accelerating drought, contamination, and inequality in water access.
- Education, innovation, and inclusive governance are crucial for transformation.





EMPOWERING PEOPLE TO PROTECT WATER

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Vision:

Mission:

To educate, innovate, and connect communities, governments, and industries to conserve water as a driver of economic development and sustainability.

Core Pillars:

SOSWATER Academy for Water Stewardship.

- **Innovation & Technology** – Smart irrigation, data sensors, and clean water systems.
- **Cross-border frameworks** for sustainable governance.
- **Empowering women** as leaders in climate and water action.



Circular diagram of the four pillars around the SOSWATER logo.



Education & Capacity Building



Policy & Partnerships



Gender & Inclusion



WATER DIALOGUES

**“WE BELIEVE EVERY RIVER, LAKE OR COAST LINE
CONNECTS COMMUNITIES WITH THEIR STORY
CREATING A EMPATHETIC APPROACH TO
RESPONSABILITY TO ACT”**

**A Hub for Water Education, Innovation & Sustainable
Cities**

Concept:

**A network of regional Water Centers for Sustainable
Development, starting in Latin America, designed to:**

- Educate youth and farmers in responsible water use for agriculture.
- Train local leaders on water-smart city planning.
- Connect universities, startups, and public institutions for research and technology transfer.
- Serve as economic accelerators for eco-enterprises and clean innovation.

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“WHAT BARRIERS AND BREAKTHROUGHS HAVE YOU SEEN IN CROSS-BORDER WATER GOVERNANCE?”

SOSWATER Response:

- **Barriers:** fragmented data systems, lack of unified standards, limited rural participation.
- **Breakthroughs:**
 - **Creation of regional dialogues linking Colombia, Dominican Republic, Mexico, and LATAM.**
 - **Launch of the Pabellón del Agua (Water Pavilion) at COP16 – a milestone for Latin American cooperation.**
 - **Adoption of community-based monitoring frameworks and early-warning systems for water security.**



“HOW CAN WOMEN-LED ENTERPRISES BE CATALYSTS FOR ADVANCING SDG 6 & 13?”



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- Women are the primary custodians of local water and agricultural practices.
- SOSWATER’s “Women for Water” program trains rural women in:
 - Eco-entrepreneurship
 - Data collection for water resources
 - Implementation of sustainable irrigation systems
- Impact: Over 2,000+ women trained, generating micro-economies around clean water technologies.



WATER PAVILION IMMERSIVE EXPERIENCE

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“WHAT PARTNERSHIPS OR POLICY FRAMEWORKS BEST INTEGRATE COMMUNITY KNOWLEDGE INTO GLOBAL WATER ACTION PLANS? ●●●●●

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- Integration begins with respecting local wisdom.
- SOSWATER collaborates with indigenous and rural communities through:
 - Community Water Police (Colombia) — protecting basins and ecosystems.
 - SOSWATER Academy — certifying youth and farmers in sustainable practices.
 - Public-Private Partnerships — linking governments, NGOs, and private sector to scale impact.
- ~~Future global standards~~ **Future global standards** that connect Latin America to the UN SDG platform.



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Showcase:

- Smart irrigation using IoT sensors for soil moisture and flow optimization.
- Water treatment systems using solar-powered filtration.
- Data platforms for real-time water monitoring in agricultural valleys.
- Integration of AI analytics to forecast droughts and optimize water allocation.

**THE INNOVATION
COMPONENT
HEADLINE: TECHNOLOGY
FOR CONSERVATION &
GROWTH**



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ECONOMIC & URBAN IMPACT

WATER AS THE CORE OF SUSTAINABLE ECONOMIES

Water innovation supports:

- Food security & export resilience in agriculture.
- Urban sustainability through water-smart infrastructure.
- Green job creation in rural areas.
- Resilient communities that drive national development goals.





CALL TO ACTION

“CATALYZING A GLOBAL WATER ETHIC

”THE VALUE OF WATER”



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Key Message:

“Education and innovation can transform water from a challenge into an opportunity for sustainable growth.

Together, we can make every drop count.”

Invitation to Catalyst Now:

- **Join SOSWATER in scaling the Water Center Initiative across Latin America.**
- **Support education, technology transfer, and local innovation for water resilience.**



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ECONOMIC & URBAN IMPACT WATER AS THE CORE OF SUSTAINABLE ECONOMIES



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“Water Connects Us All.”



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THANK YOU



JOIN US

