The Coca-Cola Company's Observations, Responses and Outlook on the Nexus

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The Coca-Cola Company
Southeast Asia, Baseline Water Stress and Power Plants

Sources:
Water Stress: The Coca-Cola Company
Power Plant Locations: Carbon Monitoring for Action (CARMA) and iSciences L.L.C.
Power Plant Attributes: Platts, a Division of The McGraw-Hill Companies, Inc.

Hydro, Nuclear, & Thermal Power Plants and Baseline Water Stress (Water Withdrawal Ratio)
Power plant design capacity (MW)
- 0 - 25
- 25 - 500
- 500 - 7500

Low Stress (<10%)
Moderate Stress (10-20%)
Medium-High Stress (20-40%)
High Stress (40-80%)
Extremely High Stress (>80%)
No Data / Out of Area
Arid & Low Water Use
Ocean or Inland Water
Rivers and Streams
Southeast Asia, Long Term Change in Water Stress and Power Plants
(2025, IPCC Scenario A1B)

Sources:
- Water Stress: The Coca-Cola Company
- Power Plant Locations: Carbon Monitoring for Action (CARMA) and iScience LLC.
- Power Plant Attributes: Platts, a division of The McGraw-Hill Companies, Inc.

Hydro, Nuclear, & Thermal Power Plants and Long Term Change in Water Stress (2025)

Power plant design capacity (MW)
- Hydro Plant
- Nuclear/Thermal Plant

Legend:
- Exceptionally Less Stressed
- Extremely Less Stressed
- Significantly Less Stressed
- Moderately Less Stressed
- Near Normal Conditions
- Moderately More Stressed
- Severely More Stressed
- Extremely More Stressed
- Exceptionally More Stressed
- Wetter but still Extremely High Stress
- Uncertainty in Magnitude
- Uncertainty in Direction
- Drier but still Low Stress
- Ocean or Inland Water
- No Data / Out of Area

Rivers and Streams
Southeast Asia, Baseline Water Stress in areas with Irrigated Agriculture

Sources:
- Water Stress: The Coca-Cola Company

Baseline Water Stress on Irrigated Crops (Water Withdrawal Ratio)
- Low Stress (<10%)
- Moderate Stress (10-20%)
- Medium-High Stress (20-40%)
- High Stress (40-80%)
- Extremely High Stress (>80%)
- Arid & Low Water Use
- Ocean or Inland Water
- Less than 10% Irrigated Land Area
- Rivers and Streams
Southeast Asia, Change in Water Stress by 2025 in areas with Irrigated Agriculture
(IPCC Scenario A1B)

Sources:
Water Stress: The Coca-Cola Company

Long Term Change in Water Stress on Irrigated Crops (2025)
- Exceptionally Less Stressed
- Extremely Less Stressed
- Significantly Less Stressed
- Moderately Less Stressed
- Near Normal Conditions
- Moderately More Stressed
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- Exceptionally More Stressed
- Wetter but still
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- Uncertainty in Direction
- Drier but still Low Stress
- Ocean or Inland Water
- Rivers and Streams
Our response

- Replenish all product volume by 2020 (through, e.g., conservation, access, storage)
- Improve water efficiency a further 25% by 2020
- Treat all wastewater
- Source protection plans

- Reduce finished product carbon footprint 25% by 2020 (value chain-wide approach)
- Reduce absolute emissions in manufacturing
- Improve energy use efficiency

- Sustainably source all key agricultural ingredients by 2020, includes pulp/paper products
- Sustainable agriculture principles and evaluation/performance criteria
What more is needed?

• **Governments must show strong leadership in overcoming silos**, ensuring adequate funding and **accountability** towards political commitments, strengthening institutions, acting as regulators and set incentives to ensure cost-effective solutions and good management.

• **Stronger recognition of business as one of the stakeholders** and subsequently better coordination and collaboration with governments, multilateral agencies and NGOs.

• **A deeper understanding and engagement between the finance sector** and the Nexus; key to adequate financing is recognition of the business risk, and a good understanding of the economic, social, and environmental values across the Nexus.
A Nexus problem Hiding as a water problem
Welcome to the Tri-State Water Wars Resource Center. This section of the website is designed for interested citizens, elected officials, the news media and other stakeholders, within the region and beyond. It includes information and documents about the range of issues connected to the tri-state water litigation. Topics include:

- Background of the Tri-State Litigation
- Overview of the Tri-State Litigation
- Federal Court Ruling in Phase 1 (July 17, 2009)
- ARC’s Position on the July 17, 2009 Ruling
- Appeal of Phase 1 Ruling: Issues Resolved by the 11th Circuit
- Federal Court Ruling in Phase 2 (July 21, 2010)
- Sources of Water in Metro Atlanta
- Facts about the ACF Basin
- Metro Atlanta’s Water Use
- Water Conservation in Metro Atlanta
- Statewide Water Planning
- Speeches, Presentations and Op-Ed Articles
- Editorials and News Stories
- Links
A solution lies within the Nexus