



Climate Change and **Gender**

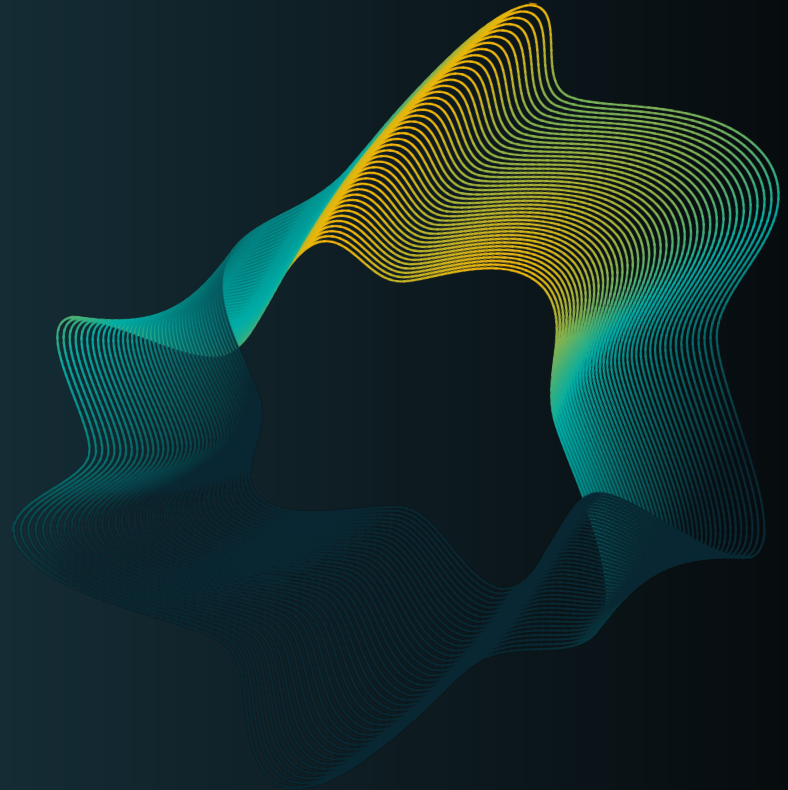
The Climate Landscape Series

Authors

Nelly Ramírez Moncada PhD | Senior Climate Innovation and Ecosystem Architect

Phoebe Kiboi | Gender Lead

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Our Climate Landscape Series Decks

- **Conceptual Frameworks for Climate Action:** Climate Justice, Digital Finance and Climate Finance Flows
- **Climate Finance Taxonomies:** Frameworks for the current landscape
- Climate Change and **Gender**
- **Climate Innovation:** Climate Smart Essential Services & The Opportunity for Philanthropy
- **Climate Resilience Insurance:** Learnings, Gaps, Opportunities
- **Inclusive Climate Finance:** G2P Programs
- Building an **Inclusive Voluntary Carbon Market** for **Resilient Communities**
- **Climate Finance:** Data and Data Platforms

Climate change continues to disproportionately affect women



- Women and girls disproportionately bear climate change burdens in situations of poverty. Social, economic and political barriers exacerbate their vulnerabilities
- Women play a vital role in climate adaptation and mitigation:
 - Including women in climate decision-making leads to more effective, sustainable solutions
 - Integrating gender equality into climate policies enhances their efficacy, per the IPCC 1.5°C report



Facing the facts

According to UN Women, 80% of people displaced by climate change are women. Their roles as primary caregivers and providers of food and fuel make them more vulnerable.

Gender-specific impacts of climate change



Disproportionate effects on women farmers

- Women constitute approximately 43% of the agricultural workforce in developing countries (FAO). They face greater challenges with limited access to land, credit, and technology. This gender gap in agriculture reduces their productivity and resilience to climate impacts.
- **Closing the gender gap in agriculture could reduce the number of undernourished people in the world by 12-17% (FAO).**



Climate-induced water scarcity

- Climate-induced water scarcity disproportionately affects women and girls, who are primarily responsible for water collection. This exacerbates their physical burden and reduces time for other activities, such as education and income-generating work.
- **Women in climate-vulnerable regions face increased energy insecurity,** impacting their health and economic opportunities.



Gender-specific impacts of climate change

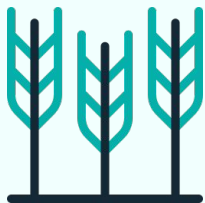


Climate change amplifies health risks

- Climate change **amplifies health risks**, with women and children identified as particularly vulnerable groups. WHO studies indicate an increase in maternal and neonatal health issues in climate-affected regions, including **complications from heat stress and malnutrition**.
- The WHO advocates for **gender-specific health interventions** in climate policies, recognizing the differential impact of climate change on women's health, such as **increased risks of vector-borne diseases and waterborne illnesses**.

Gendered impact in climate-sensitive sectors

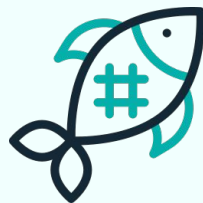
Limited access to resources, restricted rights, and a higher representation in poverty statistics make women especially susceptible to climate-induced economic shocks.



Agriculture

Women, making up 43% of agriculture labor in developing countries

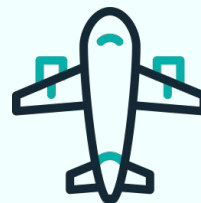
Source: [WB: Women, Agriculture and Work in Africa](#)



Fishery

About 21% of those working in fisheries and aquaculture in developing countries are women, as of 2020

Source: [FAO The State of World Fisheries and Aquaculture, 2022](#)



Tourism

The majority of the tourism workforce worldwide is female, with women comprising 54% of people employed in the tourism sector

Source: [BCD Travel](#)

Climate change threatens jobs in these sectors, with **women facing the largest employment** and income impacts.

Closing the gender gap in agricultural productivity could reduce the number of undernourished people in the world by **12-17%** (FAO).



Gendered impact in climate-sensitive sectors

Limited access to resources, restricted rights, and a higher representation in poverty statistics make women especially susceptible to climate-induced economic shocks.

1

Climate change affects crop yields and reduces water availability, directly impacting women's income and food security.

2

There is a shift towards greener economies and the green economy's skill and education gap limits women's access to new jobs, despite **35%** of STEM graduates being women

3

Reduced agricultural productivity and biodiversity loss, lead to job losses and diminished employment opportunities.

4

90% of women in developing countries work in the informal sector, which lacks social protection and is highly exposed to climate risks

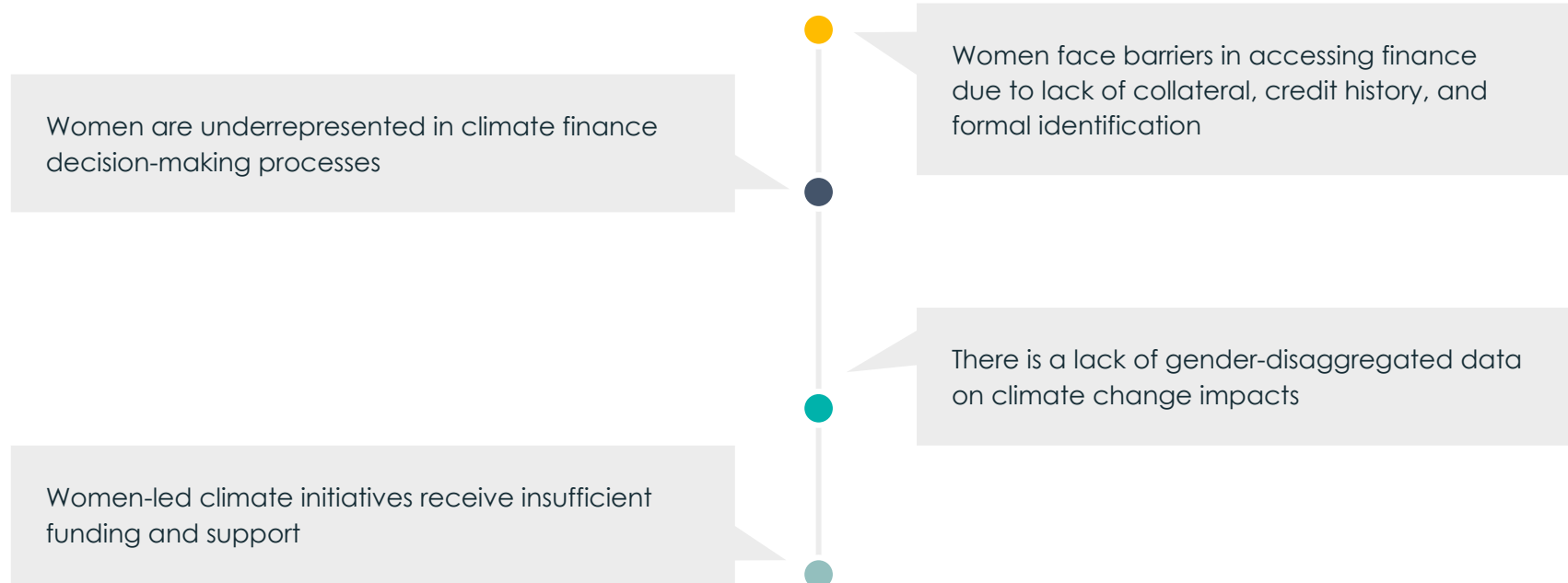
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Extreme weather events, such as floods and droughts, lead to displacement, with women facing higher risks of poverty and loss of livelihood.



Gaps and Opportunities for gender-responsive climate financing

Gaps



Gaps and Opportunities for gender-responsive climate financing

Opportunities

Support women's entrepreneurship in climate-related sectors through training, mentorship, and access to networks and markets

Develop tailored financial products and services that are accessible, affordable, and culturally appropriate for women

Invest in the collection and analysis of gender-disaggregated data on climate vulnerability, adaptation, and mitigation

Promote women's participation and leadership in climate finance decision-making processes

Advocate for the integration of gender considerations into climate finance policies and mechanisms at the national and international levels

Collaborate with women's organizations and networks to identify and address the unique needs and priorities of women in climate-vulnerable communities



Examples of gendered climate-financing

Below are some projects where gender-responsive climate finance has made a significant impact:



Solar Sister Initiative: Funded by the Global Environment Facility (GEF), this project empowers women in Sub-Saharan Africa to deliver clean energy solutions.



GREEN
CLIMATE
FUND

Green Climate Fund's Gender-Sensitive

Approach: The GCF's project in Bangladesh focuses on enhancing the resilience of women and girls to climate change by providing access to climate-resilient agricultural technologies and finance.



Women's Climate Centers International

(WCCI): With support from climate finance mechanisms, WCCI leads projects in Uganda and other countries, focusing on providing women with climate-resilient agricultural training, renewable energy technologies, and leadership skills.



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Below are some projects where gender-responsive climate finance has made a significant impact:



The [Global Environment Facility \(GEF\)](#) supports projects under its Small Grants Programme that focus on climate-smart agriculture practices led by women, providing them with the resources and knowledge to adapt to climate change.



[UNDP's work on Gender and Climate Change](#) provides guidelines and case studies on integrating gender considerations into climate finance mechanisms.

Source:

Global Environment Facility (GEF) Reports on Gender Equality.

Green Climate Fund (GCF) Annual Reports and Gender Policy Documents.

Specific case studies and data points are derived from the respective project reports and publications by GEF and GCF, showcasing the impact of gender-integrated climate finance.



Opportunities and Recommendations

Below are some projects where gender-responsive climate finance has made a significant impact:

- **Increase women's access** to financial services like savings, insurance, and affordable loans to enable climate-smart investments
- **Provide tailored financial products** for women focused on clean energy, sustainable agriculture, and climate resilience
- **Support women entrepreneurs** providing decentralized clean energy and climate-smart farming technologies
- **Finance women's grassroots** climate leadership and advocacy networks
- **Incorporate gender analysis** in financial risk models and due diligence
- **Partner with NGOs** on women's livelihoods training, financial literacy, digital skills and climate awareness
- **Use innovative financial instruments** to channel funding towards women's climate action

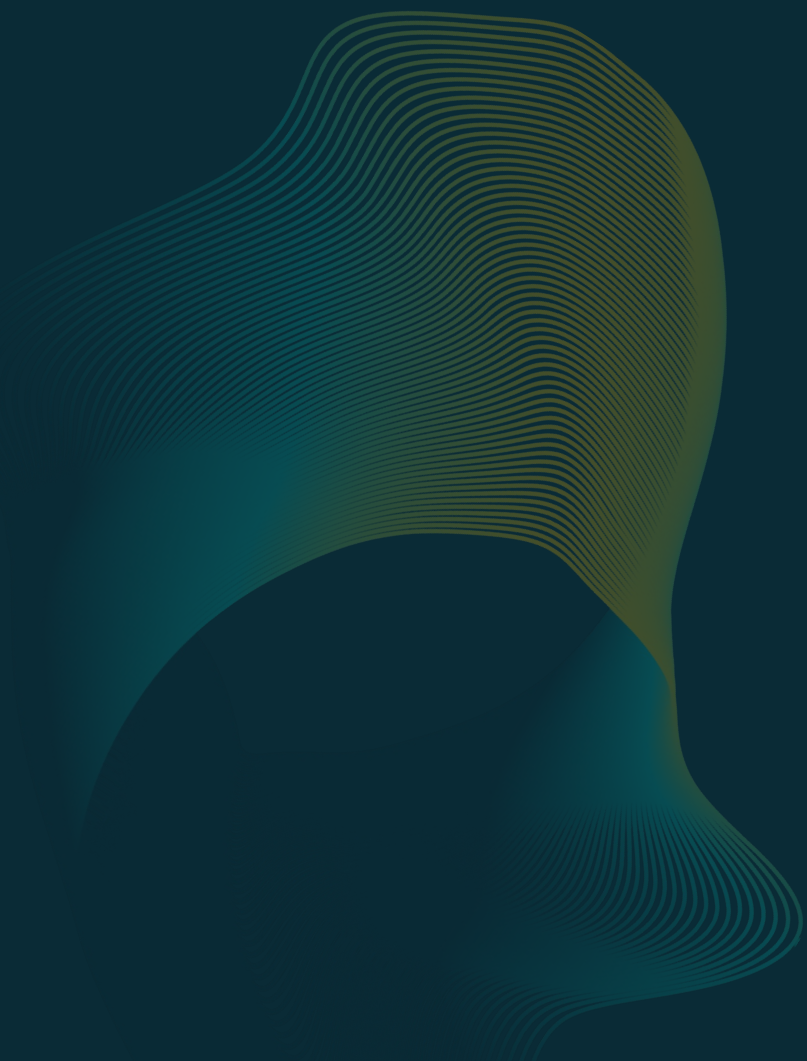


Opportunities and Recommendations

- **Collect sex-disaggregated data** and gender analytics to track differential outcomes
- **Implement gender strategies** and dedicated women's banking units for greater financial inclusion
- **Adopt internal gender policies** on equal opportunities, women in leadership, inclusive workplaces and zero discrimination



Annex



Data.org: Exploring the Nexus of Gender, Data, and Climate.

Data.org presents [a vital playbook](#) that delves into the intricate relationship between gender disparities and climate change. This resource is dedicated to understanding and building comprehensive gender data, particularly for women and LGBTIQ+ individuals, through the lens of feminist data principles. It provides practical tools, such as a checklist for optimal gender data collection strategies that are sensitive to local contexts.



- **Gender Inequalities and Climate Change:** delves into this disparity and underscores the need to integrate gender considerations into climate action.
- **Financial Inclusion:** emphasizes strategies to improve financial inclusion for women in the context of climate resilience.
- **Practical Guidance:** provides concrete steps for stakeholders to implement gender-equitable practices in climate-related work.

- **Data Analysis and Visualization:** recommends approaches that enhance stakeholders' understanding, leading to informed and effective decision-making.
- **Gender-Equity in Climate Action:** positions gender-inclusive data as a foundation for building resilient and inclusive communities.

Example projects

Women receive a significantly smaller share of climate finance, with **only an estimated 10-15%** of global climate finance reaching women-led initiatives or enterprises directly aimed at women's empowerment.

Below are some of the countries or projects where gender-responsive climate finance has made a significant impact.



Nepal - Community-Based Flood Early Warning System: Implemented by the United Nations Development Programme (UNDP) and funded by the Green Climate Fund (GCF), this project focuses on equipping communities, especially women, with early warning systems for floods. Women, trained as community-based technicians, play a critical role in maintaining and operating the early warning systems, enhancing community resilience to climate-induced disasters.



Kenya - Climate Smart Agriculture: The Adaptation Fund supports projects that promote climate-smart agriculture among smallholder farmers, particularly women. These projects provide women farmers with access to drought-resistant seeds, water-saving irrigation technologies, and training in sustainable agricultural practices.

Case studies



Bangladesh - Solar Home Systems: The Infrastructure Development Company Limited (IDCOL), with support from the World Bank and the Global Environment Facility (GEF), has facilitated the installation of solar home systems in off-grid rural areas. A significant focus has been on empowering women as entrepreneurs and technicians in the renewable energy sector.



Morocco - Solar Power Project: The Noor Ouarzazate Solar Complex, one of the world's largest solar power projects, incorporates gender-responsive policies to ensure women's participation in the renewable energy sector. Initiatives include training for women in solar panel maintenance and the promotion of female entrepreneurship in the green economy.



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Thank you!

Nelly Ramírez Moncada, PhD

Phoebe Kiboi

www.bfaglobal.com

info@bfaglobal.com

@bfaglobal

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