

# **Enhancing Gender Engagement in the Uptake & Use of Climate Information & Services**

**Challenges, Needs & Best Practices to Women's  
Involvement in Climate Science & Climate  
Information Production**

**Group 1**

# Key Words

- ▶ **Need:** Something that is required because it is essential or very important.
- ▶ **Challenge:** The situation of being faced with something new & difficult that requires great mental and/ or physical effort in order to be done successfully.
- ▶ **Best practice:** A procedure that is shown by research & experience to produce optimal results.
- ▶ **Climate science:** The scientific study of weather conditions averaged over a period of time.

# Challenges to Women's Involvement in Climate Science & Climate Information Production

## 1. Capacity constraints

- Low interest, & engagement in STEM & meteorological sciences.
- Low engagement in climate research (20% females in IPCC's 5<sup>th</sup> Assessment Report).
- Low involvement in CIS policy formulation & implementation.
- Limited articulation by women, of their interests & requirements in CI & CIS.

# Challenges to Women's Involvement in Climate Science & Climate Information Production

## 2. Socio-cultural barriers

- Poor perception, low value placed on women's knowledge on climate.
- Low recognition & appreciation of climate-related indigenous/local knowledge.
- Low support to women's involvement in climate science & CI production.
- Assigned gender roles exclude women.
- Low self-confidence & limited power vested in women.

# Challenges to Women's Involvement in Climate Science & Climate Information Production

## 3. Climate science & information

- Low capacity in climate science in Africa.
- Inappropriate presentation of CI- complexity & poor relatability to CI.
- Poor articulation & comprehension of women's CI needs.
- Limited access to CI.
- Limited access to critical resources to effectively use & benefit from CIS.

# Best Practices for Enhancing Women's Engagement in Climate Science & Climate Information Production

1. Advocate for, develop, revise & implement policies & initiatives that incentivize female participation in STEM, climate science, & CI production & dissemination.
2. Establish & enhance educational opportunities & mentorship programmes targeting females, youth and other special groups on climate science & CIS.
3. Implement the Talking Books Initiative in CIS.
4. Implement an enhanced Participatory Scenario Planning model.

# Best Practices for Enhancing Women's Engagement in Climate Science & Climate Information Production

5. Increase female climate champions - enhance their confidence e.g. through capacity development.
6. Strengthen affirmative action and implementation in CIS.

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