

GenderInSITE

Gender in science, innovation, technology and engineering



Gender in Science, Innovation, Technology and Engineering

Alice Abreu, Director

TWAS Science Diplomacy Workshop on Sustainable Water Management
Trieste, Italy * November 30th to December 4th 2015

More women better science

More women in science leads to better science. They bring diversity and different perspectives to the research effort, and therefore they contribute to the construction of more reliable and effective knowledge.

Women for Science and Science for Women



A gender lens when looking at sustainability, is essential: men and women use and act upon our environment in very different ways.

Qualification and training, recruitment, retention and advancement.



Women and Men: Different Roles



Women and girls are usually responsible for the collection of water, which particularly in rural areas can be time- and labour-intensive. Where there is no source of water within the home, the task falls to women in 64% of households to collect it (WHO/UNICEF).



Women also typically have responsibility for sanitation and hygiene of households, including of children, and for construction and maintenance of sanitation facilities.



Decision-making processes in agricultural water management and other water projects and initiatives often involve primarily or exclusively men (IFAD).

Women and Men: Different Uses of Water



Women are the primary users of water for domestic purposes such as cleaning and preparing food, washing, and maintaining sanitary facilities. They also use it for some small-scale agriculture (IFAD).



Men use water more exclusively for agriculture, including irrigation and livestock watering.

SDGs the new post 2015 agenda

SUSTAINABLE DEVELOPMENT GOALS

17 GOALS

170 TARGETS

WHERE IS SCIENCE?

WHERE IS GENDER?



GenderInSITE About us and mission



ABOUT US

Gender in science, innovation, technology and engineering (SITE) is an international initiative to promote the role of women in science, innovation, technology and engineering, and to demonstrate how applying a gender lens to SITE can provide deeper insights, more effective programmes and more sustainable outcomes in the context of development.



MISSION

To inspire transformative actions and more effective development by understanding the impacts of SITE on women and men and how women and men can contribute to SITE.

GenderInSITE Strategy



STRATEGY

We are building partnerships to identify, understand, and develop strategies to apply the gender lens to SITE in key sectors. By working with networks of researchers and policy- and other decision-makers, we are mapping the nuances of local development challenges – and addressing them through information dissemination, tools and resources and awareness-raising activities.

Steering Committee

- ❖ Gender Advisory Board, United Nations Commission on Science and Technology for Development
- ❖ Chinese Academy of Sciences
- ❖ Organization for Women in Science for the Developing World (OWSD)
- ❖ TWAS, The World Academy of Sciences
- ❖ ICSU, The International Council for Science
- ❖ ISSC, The International Social Science Council
- ❖ Gender Summit
- ❖ Elsevier Foundation
- ❖ Observer: Sida

Our Partners:

THE ELSEVIER FOUNDATION

ISSC
international social science council

wisat
women in global science & technology



twas

ICSU
International Council for Science



Governance and funding

Hosted by OWSD and TWAS

Co-Chairs:

Prof. Fang Xin, President, OWSD and Member of the Praesidium, Chinese Academy of Sciences and Dr.

Shirley Malcom, Director, Education and Human Resources, American Association for the Advancement of Sciences

❖ **Active partners:**

SciDev.net, Science Policy Research Unit at University of Sussex; Women in Global Science and Technology ; Africa Centre for Technology Studies

We are funded by:



Regional Focal Points



Three Regional Focal points were selected in June 2014 in Latin America, South Africa and East Africa at three major regional organizations:



- ❖ Latin America and the Caribbean: Gloria Bonder, UNESCO Chair on Women in S&T in Latin America



- ❖ Southern Africa: Roseanne Diab, Academy of Science of South Africa



- ❖ Eastern Africa: Peggy Oti-Boateng, UNESCO Office in Nairobi / Africa Network of Science and Technology Institutions

Six Key Sectors of Interest

A critical part of the GenderInSITE mission is to make resources and tools accessible to policymakers, practitioners and other stakeholders in order to help them apply the gender lens six areas of interest within SITE-for-development. The practical tools collected include guidelines, training manuals, and models for action, among other materials

SECTORS OF INTEREST



Transportation



Agriculture &
Food Security



Energy



Water &
Sanitation



Science
Education & the
Workforce



Climate Change
and Disaster &
Risk Reduction

Countries Assessments

The National Assessments on Gender and STI is across-national comparison of the status of women in national knowledge economies, including STI. It is a collaborative initiative of WISAT, OWSD, the Elsevier Foundation, and GenderInSITE (Gender in science, innovation, technology and engineering).

The first phase – an assessment of six countries and one region – took place during 2012 with funding from the Elsevier Foundation: Brazil, India, Indonesia, the Republic of Korea, South Africa, the United States, and the European Union.

A second phase included Argentina, Chile, and Mexico.

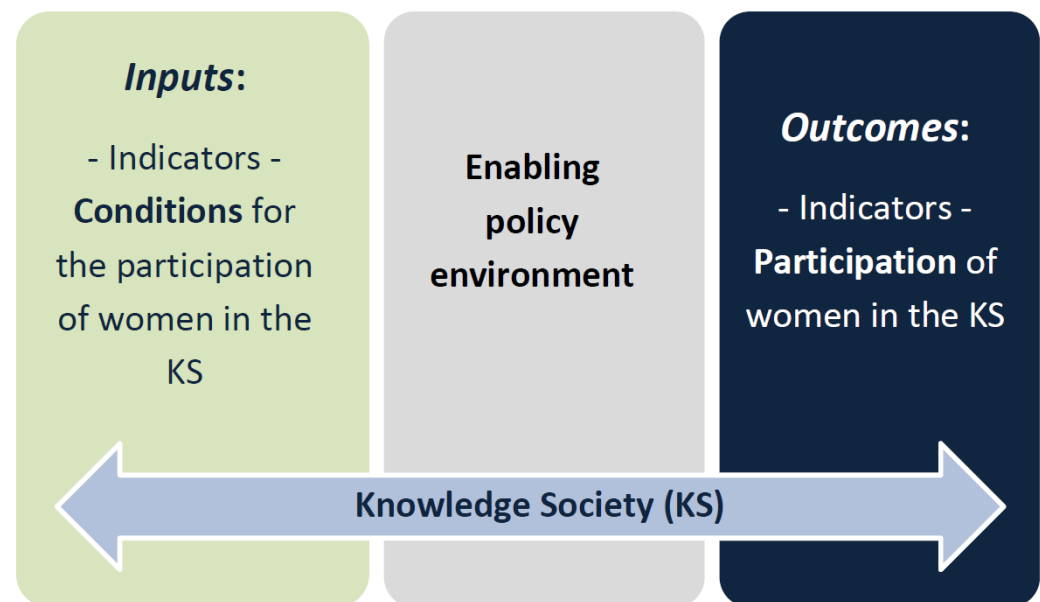
This year studies in Kenya, Ethiopia, Rwanda and Uganda are taking place.

Countries Assessments: engendering the knowledge society

01/09/2015



Engendering the Kn



Elaborado por Gloria Bonder

Workshop on Gender Science and Water



GIS workshop on Applying a Gender and Science Lens to Water Issues, Trieste, November 30th
December 4 2015

BRINGING GENDER SCIENCE AND WATER TOGETHER

The GenderInSITE workshop will invite an international group of water researchers to take a look at the issues specifically through a gender lens.

Secretariat

GENDERINSITE SECRETARIAT

c/o Organization for Women in Science
for the Developing World (OWSD)

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Thank you.

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