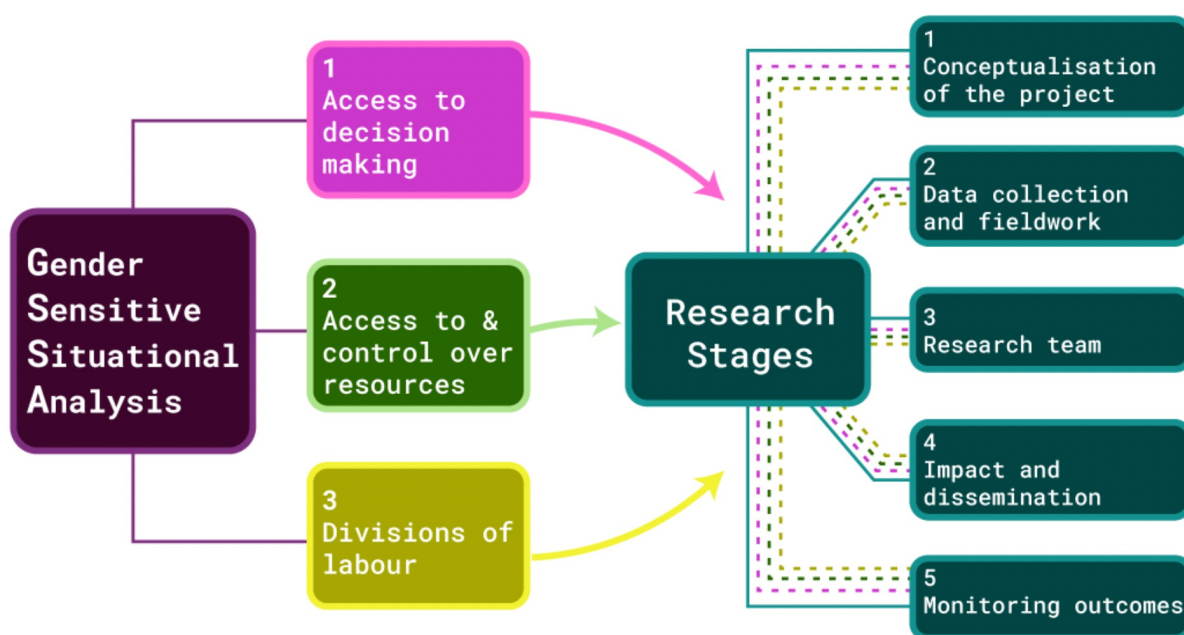


Toolkit: Five Steps to a Gender Sensitive Project

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Applying Gender Sensitive Situational Analysis to Your Research Project: Graphic Overview



Doing Gender Sensitive Research

Introduction

Extensive evidence has shown that we can't assume that technology and research will benefit everyone equally. In fact, impacts of technology and research interact with existing social structures. As a result, funders, such as UKRI and Horizon Europe increasingly demand that projects demonstrate that they have considered the relevance of gender in their proposals.

This guide is written for academic researchers in Higher Education (HE) who are new to dealing with gender equality requirements in their research, especially those doing international development research in science, technology, engineering and mathematics (STEMM) disciplines. It introduces a short and simplified version of 'Gender Sensitive Situational Analysis' (GSSA) and helps you adjust your own research plans to maximise equal benefits.

Using it will enable you to work out how gender is relevant to your research project and what you can do to maximise the benefits your project delivers.

How is gender relevant to academic research?

Since the 1970s, Science and Technology Studies (STS), has extensively explored the ways that science and technology interact with gender inequalities. STS has highlighted how research is often 'gender blind', and how sexist ideas have been entrenched in disciplinary assumptions, standards of evidence and methodologies across all fields of research (Harding 1986; DG Research 2000; Yellow Window, Engender, and Genderatwork 2009). This has led to real life **knowledge deficits and negative impacts** (Criado Perez 2019; Bose and Segui-Gomez 2011; Pollitzer 2013; Stanford University, n.d.).

Medicine provides some of the best-known examples of problematic sex-blind research. The prevalence of many diseases and the success of many treatment outcomes, are strongly marked by sex differences (Liu and Dipietro Mager 2016). Unfortunately, however the exclusion of women of child bearing age from early stage clinical research in the 70s and 80s has created historic knowledge deficits around women's health and physiology (Bird 1999; Criado Perez 2019)ⁱ. Whilst practices are changing, women are still under-represented in clinical trials.

ICT and AI provide some of the best-know examples of research and development marked by problematic gendered assumptions and standards of evidence. Speech recognition software is significantly less effective in recognising women's voices (Tatman 2017; Criado Perez 2019, 153) and facial recognition software has been found to have a 35% higher rate of misrecognition for African American females, than White American males (Buolamwini and Gebru 2018). Each of these products was developed using data sets disproportionately comprised of (white) males (Tatman 2017; Buolamwini and Gebru 2018).

Gender is particularly relevant in research that aims to contribute to the achievement of the Sustainable Development Goals (SDGs) and the eradication of poverty. Gender equality is a standalone SDG as well as a key aspect of other SDGs. Worldwide women are over-represented amongst the very poorest, have lower levels of access to education and are more vulnerable to violence and the effects of environmental degradation associated with climate change. Extensive empirical evidence shows that if these gender specific experiences of poverty, violence and marginalisation are not tackled the SDGs will not be fulfilled (UN Women 2018). Commitments to ending gender

Key Terms

Gender - Gender is a social scientific term used to describe shared social ideals of femininity and masculinity, associated behavioural expectations and relations between the sexes. These shared ideas vary across time and place, and between cultures. They are reproduced in individuals (e.g. gender identity), institutions and wider society. The two most common gender identities are 'man' and 'woman'. Transgender and non-binary gender identities are however becoming increasingly visible. We use 'people of all genders' as an inclusive term, in keeping with UKRI language.

Sex - Sex is biologically determined and refers to reproductive organs and characteristics. Male and female are the most common sexes and small proportion of the population have intersex characteristics.

Intersectionality - intersectionality is a social scientific term used to draw attention to the ways that different identity markers (such as race, caste, disability, age, migration status, or sexuality) intersect with one another to structure privileges and disadvantages.

inequality are also enshrined in international Human Rights frameworks such as the Convention on the Elimination of all Forms of Discrimination against Women (CEDAW).

Case study: causal links between poverty and gender inequality - climate change impacts in Mozambique

Mozambique is one of the most vulnerable countries in the world with respect to climate change and natural disasters. 60% of its population lives in extreme poverty and depend on natural resources. Climate change and natural disasters, along with poor governance and gender inequality form barriers to lasting poverty reduction. The poorest in society are most vulnerable to harmful climate change impacts, whilst their ability to adapt is **severely constrained by the same poverty**. Care International argue “*entire segments of the population [are] trapped in a vicious cycle of poverty that manifests itself through generally poor human development indicators, particularly high levels of food and nutritional insecurity and the use of damaging, high risk coping strategies*” (Care International 2014, 16).

Land and property right systems in Mozambique mean **women have little ownership of land**, even though 87% of the agricultural labour force is female. One in three households in Mozambique, is headed by a woman. **These households are affected by extreme poverty, with 90%** of them relying on subsistence agriculture. Violence against women is also widespread, with men culturally sanctioned to use violence to resolve disputes within the family. Women’s political participation is also very limited. It is also important to note that gender inequalities cannot be expected to resolve themselves with the passage of time: parts of Mozambique are becoming more gender unequal (Care International 2014, 16).

These gender inequalities leave women particularly vulnerable to climate change, and the natural disasters it causes. Interventions seeking to target poverty and increase resilience and adaptation to climate change that **do not take account of these gendered distributions of vulnerabilities will fail** to affect these most vulnerable people. However, due to women’s marginalisation and lack of power in Mozambique, **proactive strategies are required to gather information from women about their needs and to provide interventions that assist them**.

Source: Care International (2014) Gender-sensitive Climate Vulnerability and Capacity Analysis (GCVCA). This tool provides a detailed catalogue of actions that enable gender sensitive analysis and implementation throughout a project’s life cycle, starting with the conceptualisation of project’s aims.

Introducing Gender Sensitive Situational Analysis (GSSA)

International development organisations like Oxfam have led the way developing sophisticated and detailed toolkits to ensure excellence in the integration of gender equality considerations into development-focused projects. They include recommendations on gender sensitive participatory methodologies, sex/gender disaggregated data collection and analysis processes, and gender sensitive problem analysis (Oxfam 2019; Feed the Future USAid, n.d.).

These toolkits share a commitment to a practice described by development practitioners as **gender sensitive situational analysis (GSSA)** whereby researchers gather information on local gender inequalities in partnership with local communities. **These toolkits emphasise that researchers cannot reasonably assume that gender inequality is irrelevant or that their own cultural experiences of gender in/equality are applicable in other contexts**.

Undertaking GSSA prevents researchers from unwittingly exacerbating gender inequalities, for example, by developing agricultural technologies and only sharing them through dissemination pathways that are inaccessible to widows; or designing early warning systems for disaster risk reduction that ignore gender differences in literacy. Projects making these kind of mistakes, are referred to as ‘gender blind’ by development practitioners (see Figure 1.1 below).

Gender-blind	Gender (the differentiated and intersectional experiences of women, men, and gender diverse groups) is not considered in the research project; not even its conceptualisation or its rationale.
Gender-aware	Gender is considered in the research project's rationale but is not an operative concept in the design and methodology.
Gender-sensitive	Gender is considered in the research project's rationale, project design and methodology. Data is disaggregated by gender, and gender is also considered in the composition of the research team and reviewers. Gender-sensitive research does not (yet) extend to analysis and action to address gender inequalities.
Gender-responsive	Gender is considered in the research project's rationale, design and methodology and is rigorously analysed with a view to inform implementation, communication, and influencing strategies. Gender-responsive research does not (yet) address the underlying structural factors such as norms and power relations that contribute to gender inequalities.
Gender-transformative	Examines, analyses, and builds an evidence base to inform long-term practical changes in structural gender power relations and norms, roles and inequalities. Gender-transformative research should lead to sustained change through action (e.g., partnerships, outreach, and interventions, particularly with women's right organisations).

Figure 1.1: Oxfam Rubric for Integrating Gender in Research Planning. (Source Integrating Gender in Research Planning Oxfam 2019.)

Case study: the benefits of gender sensitive research design

A Stanford University collaboration between biomedical scientists and fluid mechanics engineers took account of inequalities in sexual freedoms in countries with a high prevalence of HIV. In many cultures women cannot refuse sex or insist on condom use by male partners. Medics need to take account of this, otherwise they risk designing ineffective public health interventions. Awareness of this led researchers to explore the development of microbicide gels, which women could use to protect themselves from the transmission of HIV during sexual intercourse.

Taking full account of the gendered hierarchies at play in HIV transmission, which vary across cultures, in this instance led to the identification of different research aims – namely the development of anti-HIV technologies that women can use *within the cultural constraints they face* i.e., technologies that provide an alternative to condom use in cultures where women cannot insist on their use.ⁱⁱ

Doing Gender Sensitive Research in Five Steps

Getting started: thinking through three domains

To work out how gender could be relevant to your project, it is helpful think about three domains:

- access to decision making;
- access to and control over resources; and
- divisions of labour.

1. Access to Decision Making	2. Access to and Control Over Resources	3. Divisions of Labour
<p>Are women and men, and where relevant trans and non-binary people, equally represented in decision-making related to your project's goals and themes in target countries? (E.g., in urban planning decision making structures; local/national agriculture systems; health care planning; disaster relief, as appropriate. Do social attitudes, vulnerability to violence or discrimination limit access to these arenas?</p>	<p>Do women and men, and where relevant transgender and non-binary people have equal access to resources related to this theme? (E.g. If your work focuses on agriculture, energy or health – do women, men and where relevant trans and non-binary people have equal ownership of and access to livestock/ land/equipment and training/ energy / food / healthcare?).</p>	<p>Do women and men, and where relevant transgender and non-binary people, perform the same labour in relation to the social/economic/political theme of your research? Are different social groups performing, or assumed to perform, distinctive tasks and responsibilities? Are they performed in different spheres or locations (domestic/private or public)?</p>

This is a basic, simplified model of GSSA. Work through the five steps below to apply the insights it generates, to each stage of your project:

1. Gender in the conceptualisation of the research project;
2. Data collection, consultation, and fieldwork;
3. Supporting gender balance on the research team;
4. Gender sensitive impact and dissemination;
5. Monitoring gender equality risks and outcomes.

Step 1: Gender in the conceptualisation of the project

Thinking about your project's core aims (e.g., increased fire safety in shack settlements; higher yield livestock management practices) review the three domains: access to decision making; access to and control over resources; and divisions of labour, to identify how gender could be relevant to your project.

Actions: to gather this information it may be necessary to:

- ✓ approach a gender and development specialist with expertise in your thematic area to join the project **team at the beginning of your proposal development**;
- ✓ approach local community/civil society partner organisations for input in project development (e.g., women's civil society representatives; development NGOS specialising in your project's thematic area);
- ✓ undertake a literature review of NGO or academic reports on gender issues relevant to your project's themes and goals, so that you have an overview of the current state of knowledge on gender issues related to your research;
- ✓ consider participatory measures or literature review *during your project's inception*ⁱⁱⁱ.

Following this process should enable you to:

- identify the local relevance of gender inequality in your project's aims; and in turn identify:
- any barriers to equal and meaningful opportunities for participation of people of all genders;
- how the project might impact (benefit and losses) on people of different genders;
- potential risks to gender equality, including unintended impacts.

Planning out the next four phases of research involves responding to these kinds of insights.

Example - Gender Sensitive Situational Analysis of Fire Safety in Refugee Camps

A project examining fire safety in refugee camps undertook a literature review and consulted with local community groups and women's civil society organisations to develop a gender sensitive situational analysis.

These processes identified that:

- high levels of violence and lack of safety in temporary refugee camps prevented women from freely participating in decision making in public spaces;
- fire was weaponised against women in an explicitly gendered way, and used in some communities against individuals identified as LGBTQI;
- gender differences in literacy affected women's access to knowledge and information;
- women undertook a greater share of domestic care work including food preparation activities, meaning that any adjustments to fuel or stoves (a key fire risk) should be taken with explicit reference to women's experiences and needs;
- that women are more likely to be injured during fires trying to assist or rescue children or infirm family members.

Step 2: Data collection, consultation, and fieldwork

Building on insights from step 1, think about actions to enable equal and meaningful opportunities for people of all genders to participate in your project as respondents. This might include:

- adjusting fieldwork times to fit around the work or household duties of people of different genders (e.g., women collecting children from school or having to prepare meals at fixed times);
- choosing locations that are safe for women to travel to alone, or providing safe transport to venues for consultation;
- holding single sex focus groups;
- using researchers of the same or different gender as respondents, in line with relevant local cultural expectations relating to safety, privacy or modesty;
- adjusting the use of online fieldwork approaches to take account of gender differences in access to technologies and related privacy of use (or lack thereof);
- using local community or civil society groups to access hard to reach groups – for example religious organisations, men's or women's groups, co-operatives or residents associations.

Consulting with partners and/or civil society in target fieldwork sites is often the most effective way to devise the most appropriate measures. Consulting existing literature can also provide invaluable insights.

Example – Gender Sensitive Data Collection

In response to their GSSA, the fire safety in shack settlement the project team devised fieldwork plans in collaboration with local women's associations and residents' associations. Using existing trusted networks, the team were able to reach women whose participation in decision making in public spaces was hampered by high levels of violence and lack of safety in temporary refugee camps. In conjunction with local women's organisations, researchers identified times of day and locations that women respondents found safe, accessible, and private.

Local LGBTQI networks were also used to undertake interviews with LGBTQI residents who were afraid of revealing their sexuality/identity publicly. This maximised the safety and anonymity of these research respondents. A female researcher was used to interview women in their homes, taking account of local people's preference not to spend time alone with a stranger of the opposite sex. Single sex focus groups, arranged through local residents' associations in suitable, local locations were also arranged using existing networks.

As a result, the project team could understand and address the role of gendered divisions of labour in fire safety and potential barriers to women's access to knowledge generated from the project. This data collection also enabled the team to describe expected gender impacts of the project, for example, highlighting that increased fire safety

could potentially reduce fears amongst the LGBTQI populations and women, and decrease the likelihood of these more vulnerable groups injury in fires. The project team also identified deepening gendered asymmetries in access to information about fire safety as a potential unintended negative consequence of their project. To ameliorate this the team sought collaboration with local women's NGOs and published articles detailing the gender issues that were relevant in their project and lessons learned.

Step 3: Supporting gender balance on research teams

Comparative international research shows that participation in research in many disciplines is characterised by a 'leaky pipe line' where by the participation of women dwindles toward the top of the profession (Genovate 2016; Massachusetts Institute of Technology 1999; Massachusetts Institute of Technology 2011; UNESCO 2018).



Figure 1.2 Global proportion of male and female graduates in tertiary education by programme level and those employed as researchers, in STEM, in 2014 and 2008. (Source: UNESCO 2018, *Cracking the Code Girls and Women's Education in STEM* p. 23).

Most research institutions, have policies in place to support gender balance in scientific research. In many instances though these policies suffer from a lack of implementation. To encourage gender balance on your research team **ask yourself the following five questions** (adapted from Swedish International Development Agency 2016; and GARCIA 2015):

- To what extent are women and men, and where relevant transgender and non-binary people, involved in the planning, design and evaluation of research within each research partner organisations?
- What hinders an increase in the participation of women and men, and where relevant transgender and non-binary people, within each research partner organisation/university? For example, do working conditions (e.g. working hours, fieldwork organisation) accommodate women equally? This could also include factors outside your control – such as social attitudes, or gender specific safety concerns.
- How does each research partner organisation/university handle staff safety and gender-based violence on their premises? Can staff report if they have been victims of sexual harassment or other types of discrimination? Is there a mechanism to meaningfully respond to these reports?
- What risks to gender equality do the above factors present? For example, could discrimination or violence on campus mean that LGBT people or women cannot easily participate on your research team, or advance professionally? Could lack of access to child-care facilities prevent people with caring responsibilities being able to travel to conferences or attend meetings? See also the box below for examples.

- What concrete plans do research partner organisations, have to tackle problems or barriers identified in the proceeding questions?

Actions: to find answers to these questions it may be necessary to:

- ✓ consult and discuss relevant institutional or national gender equality policies in place in your own, and partner institutions;
- ✓ consult staff involved in your project. This usually provides the best chance of identifying gendered barriers to career progression, and elaborating the most appropriate measures (Genovate 2016; Massachusetts Institute of Technology 1999; Massachusetts Institute of Technology 2011);
- ✓ consult local, national or regional women in STEMM or discipline specific gender equality promoters (e.g. [EQUATE Scotland](#), [GenderInSite](#), [Women in Bioinformatics and Data Science Latin America](#); relevant local UNESCO^{iv} field offices; [The African Gender Institute](#); [Women Engineers Pakistan](#), [African Academy of Sciences](#);) to discuss relevant barriers to equal participation and measures that would help, or for signposting to partners who could be relevant;

This should enable you to:

- identify relevant barriers to equal and meaningful participation in partner research institutes;
- devise measures to promote equal and meaningful participation in your project within research institutes and scientific teams.

Common measures to support gender equal participation in research projects include actions such as:

- funded fellowships reserved for female researchers if they are under-represented in your discipline;
- networking/mentoring^v to support female researchers if they are under-represented in your discipline;
- the provision of funding to cover child care costs during international research conferences (see UKRI GCRF 2017; International Veterinary Vaccination Network 2018; AWARD n.d.; The Roslin Institute 2017);
- adjustments to working patterns to support parents' participation at work; and
- responding to social constraints or safety concerns limiting women's participation in fieldwork by facilitating female-only fieldwork teams;
- discussing LGBTQI- specific safety concerns and security measures with research partners;
- incorporate mutual commitments to gender equality into partnership agreements and memorandums of understanding with partners to formalise shared commitment to the implementation of gender equality measures.

Example – Ensuring meaningful participation for people of all genders in research institutes

In a Global Challenges Research Fund (GCRF) project with five partners in so called Low and Middle Income Countries (LMICs), patterns of gender segregation varied highly. In one country, women's participation in fieldwork was significantly hindered by safety concerns and gossip about women traveling with white male colleagues from the Global North. To respond to these issues and facilitate women's participation on the project, the PI committed to organising a proportion of fieldwork trips in female only teams and took local advice on measures to ensure security. One PhD studentship was reserved for female candidates from LMIC countries. This was backed with mentoring from a team participant at the University of Edinburgh and in the researcher's own resident country. Edinburgh University's funds to pay for childcare during conference visits were made available to female LMIC researchers so they could travel to professional conferences. Encouragements to devise gender equality and sexual harassment policies were written into all partnership agreements and memorandums of understanding between institutions. Although these were not enforceable, these functioned as an initial awareness-raising measure.

Step 4: Gender sensitive impact and dissemination

Gender Ed has written [guidance on building a theory of change](#) that takes gender issues into account. It details the differences between Results; Impact; Outcomes; Outputs and Activities.

Many of the research projects undertaken at an institution like the University of Edinburgh are fundamental scientific projects, which may have quite a distant relationship to communities. As a result, we caution against unrealistic impact claims and argue primarily for a coherent narrative that connects your activities to the desired change, through a logical sequence of intermediate results. Whether these are called 'outputs' or 'outcomes' will often depend on the specifics of your project.

Results	a generic term to indicate the outputs, outcomes or impact of your intervention.
Impact	the ultimate development change to which your intervention will contribute.
Outcomes	all the intermediate development changes to which your intervention will contribute, and that, combined, will enable impact to emerge.
Outputs	the immediate results of your activities – these can be products, services, or short-term changes that will contribute to bring about outcomes.
Activities	the things you will actually do in your interventions. ^{vi}

It can also be helpful to think about four 'levels' of impact targets: the international community; national policy makers and NGOs; communities; and individuals.

The results of Step 1 (the conceptualisation of your project) should have helped you identify any relevant gender inequalities that your project might affect and how. You can feed this into a gender sensitive description of the intended results, impacts and outcomes that your project will generate, in your impact statement and/or dissemination plans. You should consider for example, any identified differences in the use of the technologies that your project will develop or the knowledge it will generate. Gender differences in access to decision-making or education on the other hand, should shape your dissemination plans.

Building on the results of step 1 consider the following questions:

- What gender inequalities will your project ultimately impact upon?
- How will your project's outcomes affect these gender inequalities?
- What could affect the likelihood of your project delivering gender equal impacts, or positive impacts on gender equality (where relevant)?
- How will you encourage equal access to your project's knowledge outputs for women and men, and where relevant trans and non-binary people? (See also your responses to Step 1).
- What outcomes and outputs could you measure with data disaggregated by age and gender.^{vii} What would be meaningful but proportionate (see step 5)?

N.B. the elaboration of new knowledge or theoretical frameworks that incorporate an understanding of gender inequalities and their relevance into academic, practical, political, or technological perspectives could in many instances be a key project output/ impact, if you have sought to thoroughly incorporate gendered analysis into your project. Where relevant, you could consider publications discussing and detailing gender relevant insights and lessons learned. This kind of contribution can be a key 'unique selling point' of your research project.

Actions: to respond to these queries it may be necessary to:

- ✓ Consult women’s community groups or civil society organisations for insights into the best methods and channels to ensure that women benefit directly from research findings.^{viii}
- ✓ consult community NGOs for insights into the best methods to ensure equal benefit for different religious or ethnic groups, thereby targeting, for example, differently positioned men where relevant, women from different religious or ethnic groups, and trans and non-binary people, where relevant.
- ✓ consult women’s community groups or civil society organisations, and community NGOs, to solicit their views on meaningful measures of outcomes and outputs.
- ✓ decide on any relevant measures of outputs or outcomes using data disaggregated by age and gender.

The answers you gather will help you work out and explain:

- the expected impact of the project (benefits and losses) on people of different genders, both throughout the project and beyond;
- how your project will document gender equality in impacts (benefits and losses) produced;
- methods to ensure dissemination and knowledge transfer strategies do not replicate or exacerbate asymmetries in access to knowledge;
- the types of outcomes and outputs you should be capturing (see Step 5);

Example – Gender equality in impact and dissemination

A large interdisciplinary project on disaster risk reduction (DDR) elaborated a multi-level impact strategy disseminating results to the international development community; national/local government and communities. **Results** included new interdisciplinary knowledge on DDR that examined relationships between hazards (e.g. landslide *and* flood). Assessment of gendered differences in vulnerabilities to disaster risks was incorporated into this knowledge. As thorough GSSA had revealed specific risk factors for women and girls, the team sought to build awareness of these into their formal models and their policy recommendations. GSSA also revealed that in many communities, women held indigenous knowledge on disaster prediction, and that the project risked undermining their status as holders of this knowledge. To mitigate this risk the team took care to gather this knowledge and acknowledge it in their publications and policy briefs.

Predicted project **impacts** included the production of gender sensitive modelling techniques, better disaster risk reduction strategies and increased safety for all. Outputs included gender sensitive models, briefings and publications that explained the relevance of gender and which included indigenous knowledge on disaster prediction and acknowledged women’s cultural status as holders of this knowledge. **Outcomes included** community empowerment, achieved through the use of Citizen Scientists who were involved in data collection. These Citizen Scientist teams were gender balanced, ensuring women benefited equally from direct knowledge and empowerment gains. **Dissemination** activities included single-sex meetings held at women’s civil society organisations.

Step 5: Monitoring risks and outcomes

A gender sensitive project will monitor any relevant gender equality risks and outcomes, and evidence outputs/outcomes with data disaggregated by sex/gender as appropriate. The previous steps should have helped you identify any risks to gender equality associated with your project. This final step helps you ensure that you can monitor these risks; and identify any relevant outcomes and outputs with data disaggregated by sex/gender as appropriate. Robust measures of gender impacts often need to draw on contextual knowledge or information rather than abstracted data sources. For researchers in STEMM used to the prioritisation of objective measures, this is sometimes a new approach.

Example – Monitoring gender equality outcomes and risks

A 5-year project on the development of environmental governance frameworks devised a monitoring framework that included two innovative measures of impacts 1) the number of legislative proposals or court cases; 2) and advocacy or litigation initiatives, that the team influenced. The project aimed to incorporate gender sensitivity into these measures.

The project's GSSA, undertaken during proposal development, noted that the economic contributions of women are often underestimated or ignored in policy, and that women's needs and interests were largely unknown and infrequently mentioned in existing mainstream academic studies. The project therefore risked duplicating this erasure of women's roles, interests and economic contributions. To respond to this risk, the research team held focus groups with women in local communities discussing their roles, interests and economic contributions, gathering meaningful qualitative data on the immediate and potential gender impacts of the project.

The team aimed to influence 1) legislative proposals or court cases and 2) advocacy or litigation initiative. Assessing this influence the team examined the presence or absence of meaningful acknowledgements of women's roles, interests and economic contribution, to see how effective they had been in disseminating findings on the relevance of gender in environmental governance. The team also gathered quantitative data on participation of women at community dissemination events and on participation in research teams including citizen scientist teams.

Actions: questions to consider devising your monitoring framework:

- ✓ referring to previous steps, what actions have you taken to mitigate any relevant risks to gender equality including unintended consequences, which you identified? How could you monitor and capture these in a meaningful and proportionate way?
- ✓ reviewing previous steps, what actions have you taken to ensure gender equality in data collection and consultation? How could you monitor and capture these in a meaningful and proportionate way?
- ✓ reviewing previous steps what actions have you taken to support gender balance on the team and participation in fieldwork (including mitigation of any gender specific safety concerns)? How could you monitor and capture these in a proportionate and meaningful way?
- ✓ reviewing your impact and dissemination plans in Step 4, what actions have you taken to maximise gender equality in dissemination? How could you monitor and capture this in a proportionate and meaningful way?

Following this process should enable you to explain:

- what outcomes and outputs you will measure with data disaggregated by sex/ gender. What would be meaningful but proportionate?
- how you will mitigate risks to gender equality and how you will monitor any risks and unintended negative consequences to gender equality;
- how you will monitor meaningful participation of people of different genders throughout the project;
- how you will evidence the expected impact of the project on people (and between people) of different genders in a manner that is meaningful and proportionate;
- how you will measure any relevant outcomes and outputs, with data disaggregated by age and gender.

About genderED

This toolkit and guidance was produced as part of genderED [project](#) for the University of Edinburgh.

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GenderED is the University of Edinburgh's interdisciplinary hub for gender and sexualities studies.

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ⁱ In 1993 the US Food and Drugs Administration published guidance arguing that studies should use 'representative' patient populations where possible (Bird 1999; Liu and Dipietro Mager 2016)

ⁱⁱ For further details see [Gendered Innovations](#), University of Stanford.

ⁱⁱⁱ See [Oxfam Novib Gender Action Learning System](#) for an excellent and diverse selection of activities and tools or DFID PPA Learning Partnership Gender Group (2015) What works to achieve gender equality and women and girls' empowerment? [DFID PPA Learning Partnership Gender Group](#).

^{iv} UNESCO is very active in the promotion of gender equality in education, its local offices may therefore be helpful starting points for locally relevant contacts.

^v It is important to note that any mentors should be remunerated for their time.

^{vi} Source: University of Edinburgh Using a Theory of Change Guidance.

^{viii} See for example Stockholm Environment Institute. (2018). *Integrating gender and social equality into sustainable development research A guidance note*. Retrieved from [Stockholm Environment Institute: Integrating gender and social equality into sustainable development research](#).