

WOMEN, THE ENVIRONMENT, AND SUSTAINABLE AGRICULTURE

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THE PROBLEM

WOMEN'S RIGHTS

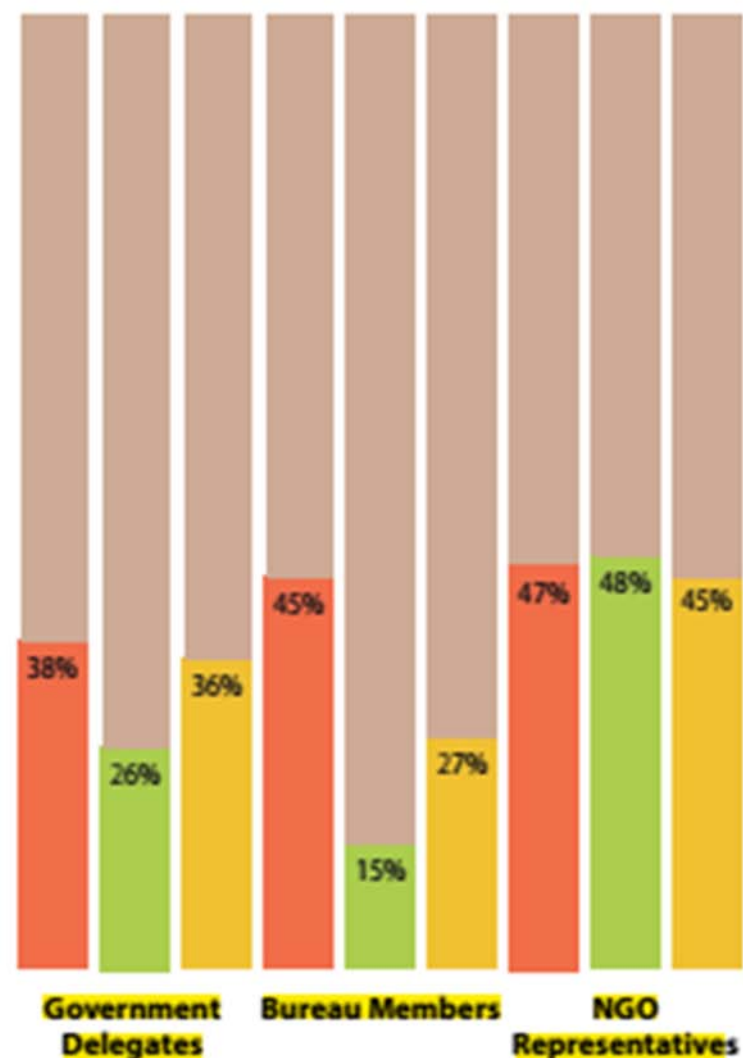
- 2/3 of the worlds illiterate people are women
- Women make about 30-80 percent of men do annually
- Divorced and widowed women are particularly stigmatized



ENVIRONMENTAL JUSTICE

- More women than men die in climate induced natural disasters
- Women are most affected by water scarcity because they are often the members of the family tasked with gathering water
- Women are underrepresented among negotiators and prominent climate scientists.

Figure 1.1: Participation of women in three Rio Conventions

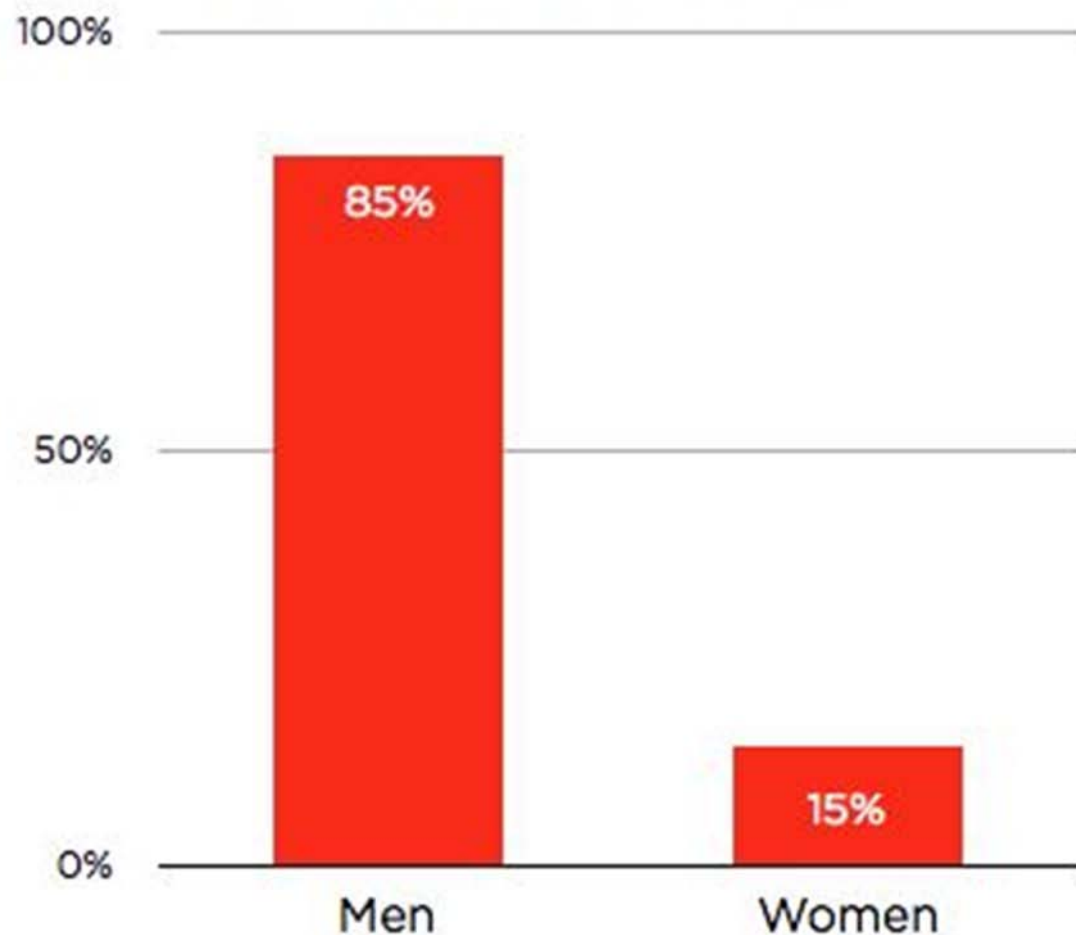


% of Women

- CBD COP12 (2014)
- UNCCD COP11 (2013)
- UNFCCC COP20 (2014)

Source: IJCN (2015)

Who Was Quoted On Climate Change?

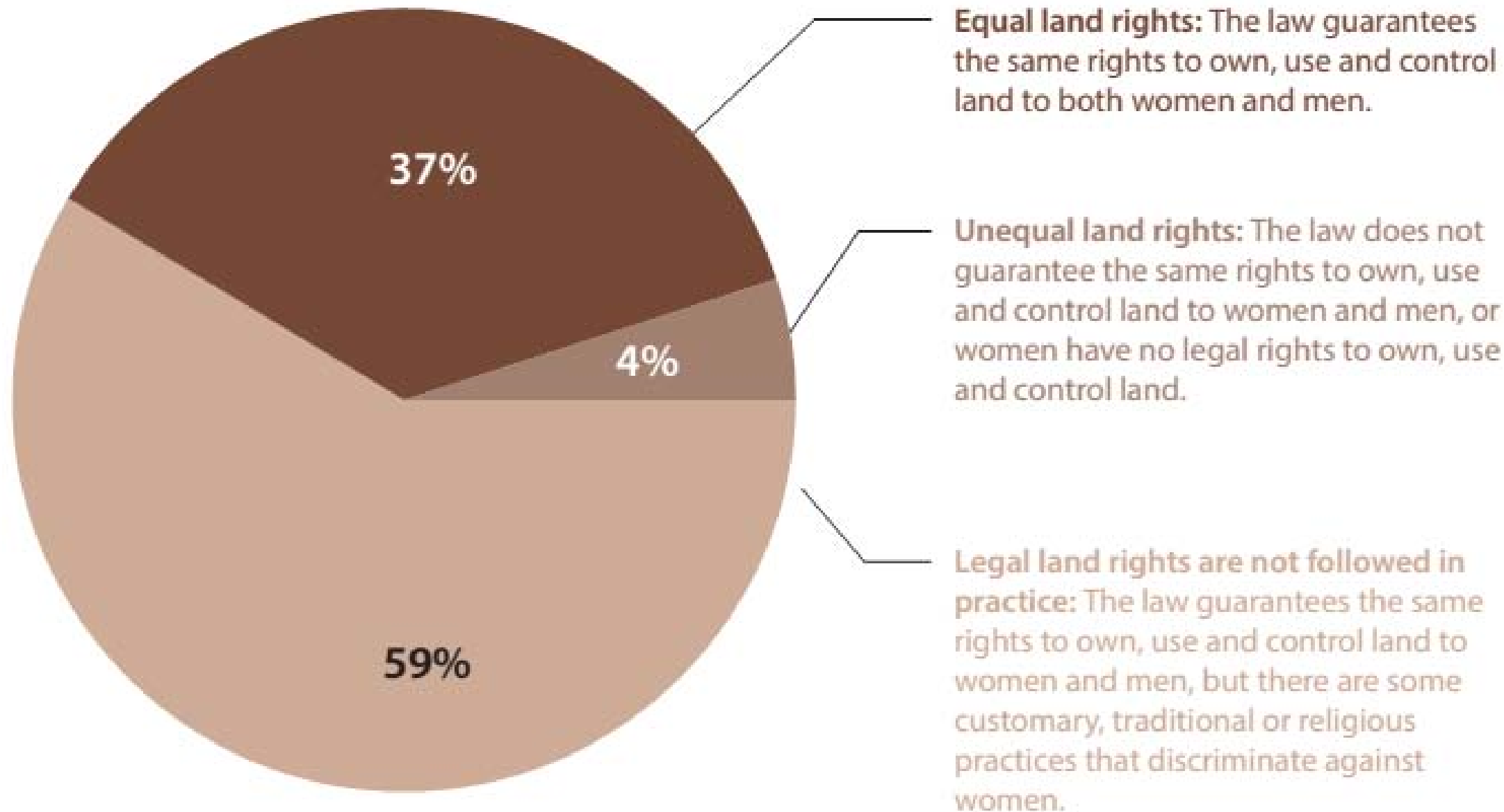


Based on coverage of the U.N. Intergovernmental Panel on Climate Change by major print, broadcast and cable outlets, and all 2013 broadcast coverage of climate change.

MEDIAMATTERS

SUSTAINABLE AGRICULTURE

- 70% of farmers who don't own their land in china are women, in Kenya women only own 5 percent of land
- 57% of women employed in Asia are employed in agriculture, 63% of the women in Africa
- Women produce 45-80% of the worlds food
- only 5% of extension services are geared towards women
- only 15% of extension workers are women



Source: OECD (2014)

THE SOLUTION

SOLUTIONS

- Improving Access to Credit
- Improved Water management
- Improved Access to land rights/ changing inheritance laws

WOCAN PILOT

- 83 countries
- Improving access to resources
- Gender inclusive policies



BRAZIL AND INDIA

- Public Procurement from Smallholders
- Used in public facilities
- Combats malnutrition



SMART SUBSIDIES

- Changing how governments subsidize agriculture
- Redistributing benefits
- Being used in many African countries

THE IMPACT

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



- Malawi-238,000
- Tanzania-80,000
- Uganda-119,000

2 ZERO HUNGER



- Women having equal access to agricultural resources would lower the amount of hungry people in the world by 12-17%

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

3 GOOD HEALTH AND WELL-BEING



- Closing the Gender Gap in agriculture would reduce the number of malnourished people by 100-150 million

4 QUALITY EDUCATION



- Women spend many hours a week traveling to access water, improving access to water for women would give them time to go to school
- Increased income
- Increased efficiency

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



- Increasing access for women to irrigation services
- Reducing erosion and fertilizer runoff

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

7 CLEAN ENERGY



- Clean energy can be used for power on farms

8 DECENT WORK AND ECONOMIC GROWTH



Annual cost of gender gap



IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



- Agriculture is one of the world's largest industries
- Sustainable agriculture helps make more sustainable infrastructure

10 REDUCED INEQUALITIES



- Reduces gender inequality
- Reduces inequality between large and small farmers

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

11 SUSTAINABLE CITIES AND COMMUNITIES



- Creates more sustainable farming communities
- Allows for greater food security and sustainability

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



- Gives farmers a greater ability to responsibly produce food

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

13 CLIMATE ACTION



- Agriculture is a huge contributor to environmental degradation
- Agriculture will be very affected by climate change

14 LIFE BELOW WATER



- Reducing Fertilizer and Pesticide runoff

IMPACT ON THE SUSTAINABLE DEVELOPMENT GOALS

15 LIFE ON LAND



- Land Conservation because of Increased Productivity

16 PEACE AND JUSTICE



- Food Security
- Equal Access to Institutions