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Insecurity of Land Tenure and Women Vulnerability in Climate Change





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Method and Data

Case studies:

Rural areas of developing countries with customary and religious tenure system In 3 main parts:

- a. Factors of women vulnerability
- b. Women's land right
- c. Linkage of land tenure security and women vulnerability
- o effects of climate change on livelihood, land and natural resources productivity
- effects of climate change and land-related issues





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Significence of research

- Gender mainstreaming in vulnerability assessment
- Importance of women's insecurity of tenure in their vulnerability.
- Importance of securing women's land tenure to help them use their potential adaptive capacity which as well as reducing women vulnerability, benefit environment and the whole society.



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Results

- Insecurity of land tenure as a factor of women vulnerability in climate change
- Importance of both quantitative and qualitative parameters of secure access to land in women vulnerability in climate change. Quantitative parameters mostly in facing with long term effects and qualitative parameters especially in facing with short term effects of climate change
- Importance of social aspects (social norms, culture and religion) as a link between women security of tenure and their vulnerability



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a. Women vulnerability

Climate Change

exaggerate

Gender Inequality (Rights, Responsibilities, Opportunities)

affects

Women Vulnerability Exposure, Adaptive capacity, Sensitivity





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a. Women vulnerability: Ghana and Bangladesh

responsibilities

Household management Dependent on natural resources Collection of water and fuels

Unpaid worker \rightarrow Less income More burden \rightarrow negative effect on health competition over resources \rightarrow face with violence Less mobility



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a. Women vulnerability: Ghana and Bangladesh

Rights, Responsibilities

opportunities

Low level of education Less decision making power Poor access to market

Low economic position → force getting married Less access to information→ Less participation in civil society organization, less awareness of women's needs Less ability to transform assets to income



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a. Women vulnerability: Ghana and Bangladesh

Rights

Access to small, low quality farm Lack of control over land Insecure use rights Less decision making power

More labor to save crops food insecurity Less ability to have income





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b. Women's land right : Ghana and Bangladesh

Legal system Local traditions and Customs Religeon Marital status Patrilineal inheritance system Decision-making power

effects

Women's ccess to and control over land

Resulted in

Women's insecure land tenure





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c. Linkage of land tenure security and vulnerability effects of climate change on livelihood, land and natural resources productivity (kenya, Ghana)

Women potential adaptive capacity, but least adaptive capacity and most affected by droughts?

Insecure use rights, lack of control over land

Resulted in

limited access to credit inability to decide over usage of land Fear of indebtedness Make them

Unable & Reluctant To take part in Adaptation practices

reduce

adaptive capacity





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c. Linkage of land tenure security and women vulnerability effects of climate change and land-related issues (Bangladesh)

Landless, homeless, land use change

Temporary & permanent settlement, Conflicts

Lack of consideration of different group of women in resettlement programs

Settle in insecure lands (from disaster & land tenure prospective)

- Fear of eviction & dispossession
- Higher exposure and sensitivity



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c. Linkage of land tenure security and women vulnerability effects of climate change and land-related issues (Indonesia)

Displacement, conflicts

Displaced women lose social security and location-specific income

Women returnees at risk of

- Dispossession by social norms and legal rules in form of violence
- being force to get married or remarried





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c. Linkage of land tenure security and women vulnerability

(long and short term changes in weather)

Effects on land and natural resource use system

Land suitability (for agriculture and settlement) Crop yield, natural resource productivity, water supply

Issues relate to land tenure Land access, conflicts, settlement and resettlement Food production Income Health marriage

Homeless Landless Violence higher exposure Women vulnerability in climate change



Women's

insecurity

of tenure

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c. RESULT/ women vulnerability in climate change

- Quantitative parameters of secure access to land (in terms of inadequacy in the range of land rights) mostly in facing with long term effects of climate change on land and natural resource use system
- Qualitative parameters of secure access to land (in terms of protection of land rights) especially in facing with short term effects of climate change in Issues relate to land tenure
- social norms, culture and religion are key factors affecting women security of tenure and vulnerability in climate change





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Thank you



