

# Interdisciplinary entanglements in index insurance

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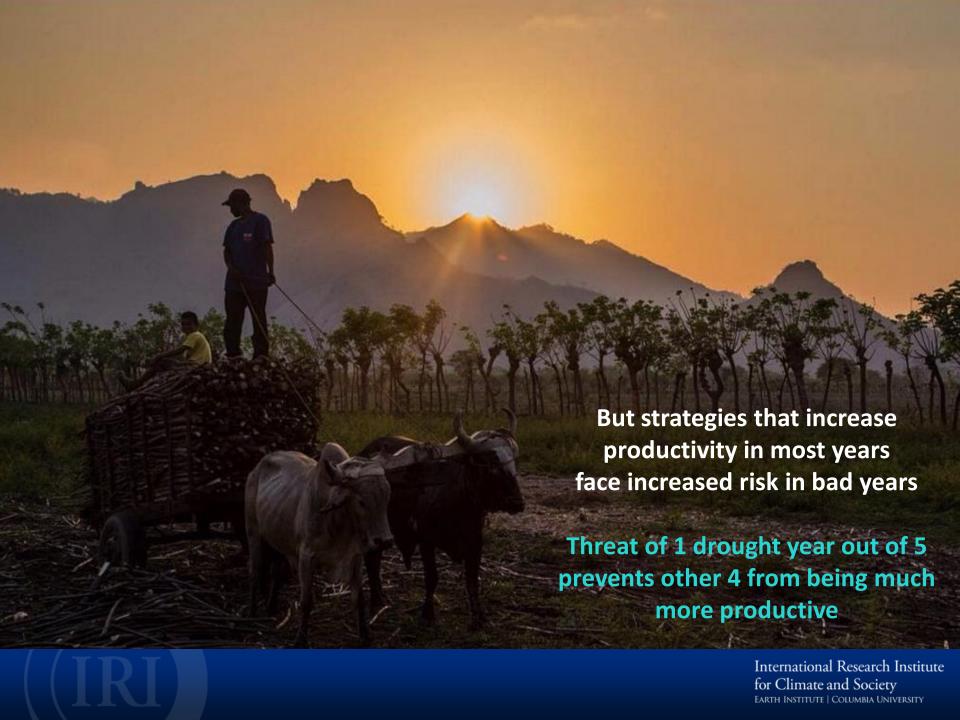
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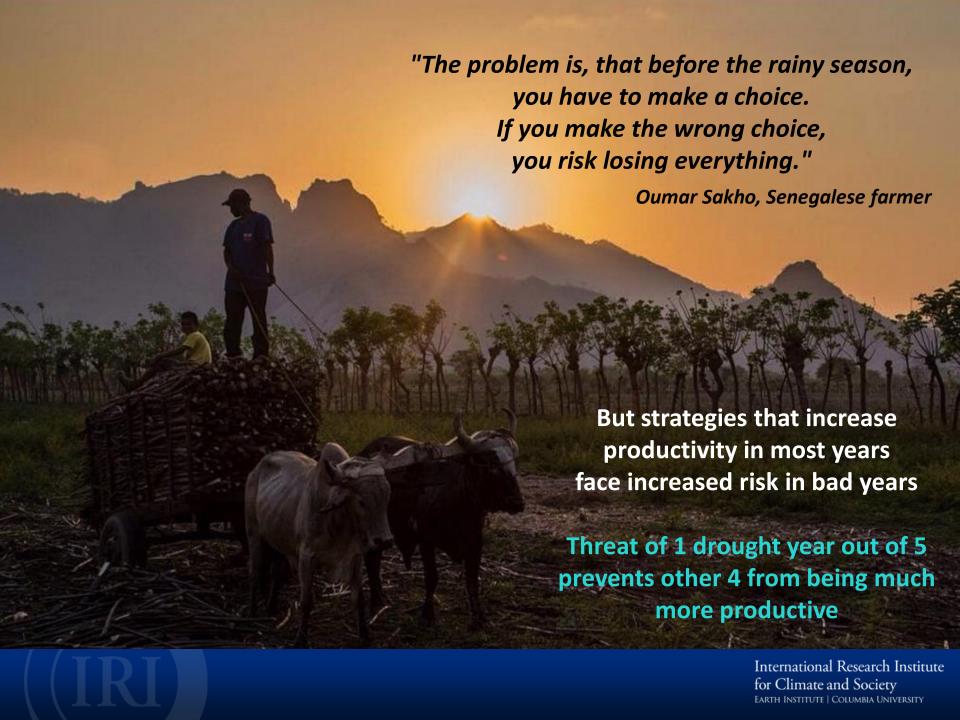
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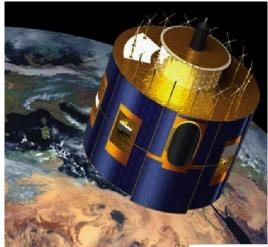






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#### INSURANCE INNOVATIONS FOR DEVELOPMENT AND ADAPTATION

FREQUENTLY ASKED QUESTIONS



#### I. HOW IS CLIMATE CHANGE IMPACTING FARMERS?

Cines durge insects, such as higher temperatures, stronger storms, and charges in rankfal patterns. Divisition to reduct a ginclusted productively in deblooping countries. For many fearment, character charge means more element and from the frequent "and" privat "ask systems with droughts, floods, or tale starts to the rainy season. Farmers must by to manage those risks, and be morre productive in the remaining "normal" years, seen if howe years are not cut-eas good as they used to be more productive.

### 2. HOW CAN INSURANCE HELP FARMERS BE MORE PRODUCTIVE AND ADAPT TO CLIMATE CHANGE?

ADAPT 10 CLIMAL E CHANGE!

Most of the hing lamers and bo increase productivy require taking chances for example, a farmer might be able to increase yields by using light quality seeds but sunshipoter farmers who lost swings would read a ton to buy those seeds farmers may not always an example of the control of the cont

Incursor may be partiased directly by individual farmers, at illustrated by the overpiles in this fact direct, or it may be purchased by a group such as a compension, mortification individuols prominent for an beneficial to combine operationes at mixture groups and the accomplete investigation individual policy investigation and the production risks and national governments could buy insurance to manage country-work or tress.

### 3. WHAT IS THE DIFFERENCE BETWEEN CONVENTIONAL INSURANCE AND INDEX INSURANCE?

With connectional "indemnity based" insurance, payous are based on what happens to an individual farmer's crop. It does not create an intensity for farmers to work hand to see a crop, in a bod year. Pricevers, the adjustment process — the impaction of individual losses to include the farmers to work hand to see a create part of the intensity of the control of the

PCC, 2007

Photo: Farmers working in a rice paddy in Indonesia (Credit IRI)

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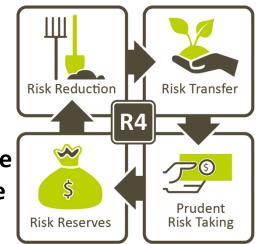
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### LOTS OF PEOPLE EXPOSED



R4
Rural
Resilience
Initiative



35,000 of the poorest farmers in Senegal/Ethiopia/Malawi/Zambia



25,000 Mongolian herders insured in a link between commercial & government safety net



Over 16 million farmers on weather based contracts in India Index insurance need to be made/understood by farmers, cooperatives, NGOs, insurance companies, satellite experts, banks, agronomists, climate scientists, economists, social scientists, seed companies, national meteorological agencies, policy makers......

Must solve sophisticated problems together, build into menu for flexible risk management package, understand level of reliability

## **REFLECTIONS**

Each group considers the rest as "other".

Being in the same room
Talking
Trust
Mutual listening
Defining jargon & building a joint language
Common sense
Articulating goals

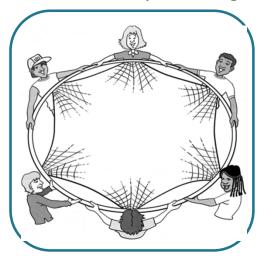
Long iterative learning process

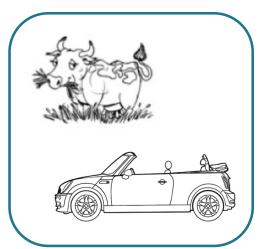
## **ROLE OF INSURANCE**

Enhance productivity



Social safety net/targeted aid





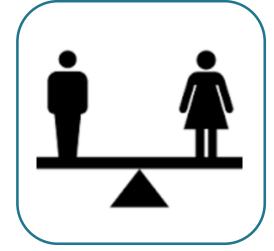
Protect an existing asset

## **ROLE OF INSURANCE**

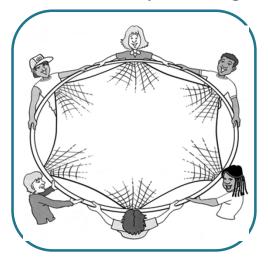
Gender equality?



Social safety net/targeted aid



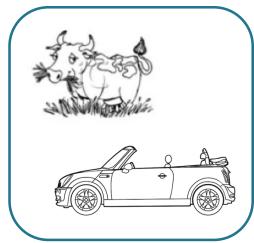






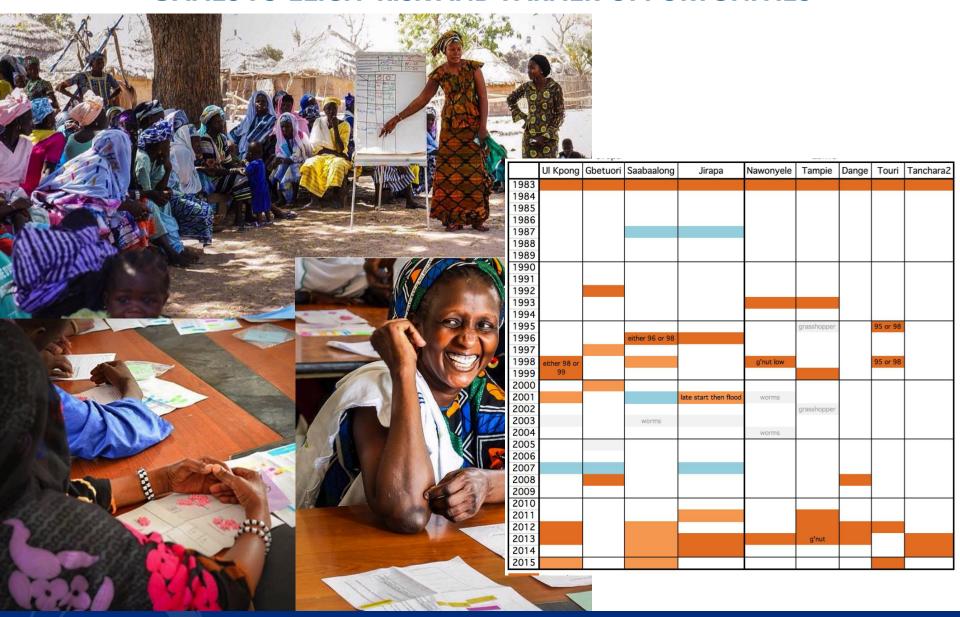






Protect an existing asset

## **GAMES TO ELICIT RISK AND FARMER OPPORTUNITIES**



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# **M**ONGOLIA

## **Daniel Murphy**

Impact of financial services including credit and insurance on "risk thinking" among herding households

Veronika Muller

Does Index Insurance Help Households Recover from Disaster?



# **GENDER & INSURANCE IN GHANA**

There are many insurance programmes where women are more likely to buy insurance than men.

### But in the literature

"It is hypothesized that this finding results from the fact that, although men and women are equally exposed to yield risk, women face additional sources of lifecycle risk -particularly health risks associated with fertility and childcare -- that men do not."



# **GENDER & INSURANCE IN GHANA**

Using semi-structured questionnaires and targeted interviews, we found insurance uptake in Ghana

- If it was at the right time of day
- If it was well advertised & not just by extension officers
- If it was matched with other useful ideas
- If it came recommended by their trusted source
- If it fit their culture and household
- Local language and context is key insurance and time
- If it linked with their lives

But these tools must be usable by non experts



# **SOCIAL QUESTIONS – MORETHAN JUST RISK**

### **Ethics**

Who should pay the premium? Climate justice But what does this mean in practice?

Who is driving farmer change and adaptation? Who should drive it?

# Sociology

How are different interdisciplinary groups working together to design insurance?

Is there a new common language for insurance?

What are the incentives for insurance for each group?

What are the multiple definitions of success for an adaptation project?