

# Indonesia's Position in Rural and International Development: Gender and Equality



**Prof. Petra Tschakert**

**The University of Western Australia**

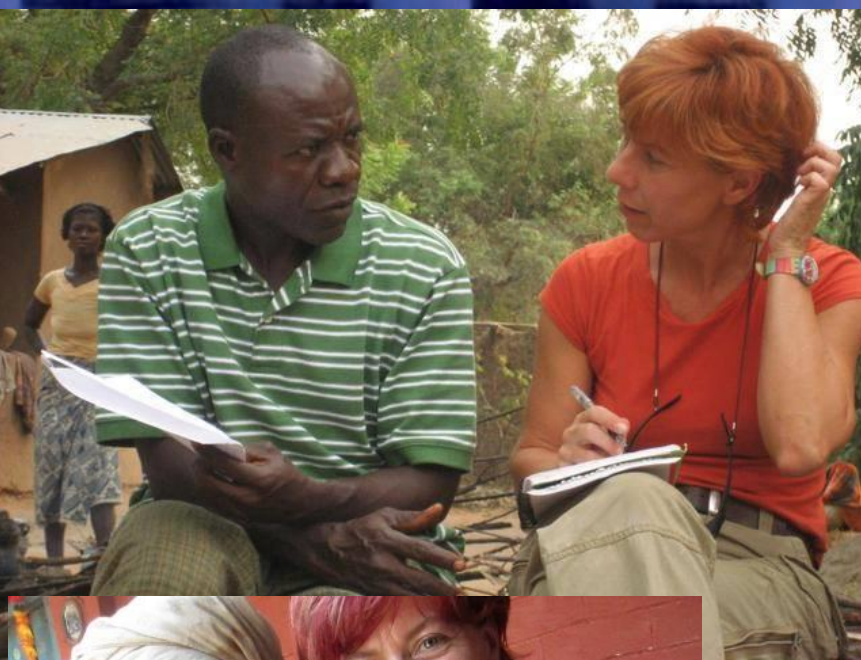
UWA School of Agriculture & Environment



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# Centenary Professor of Rural Development



**Prof. Petra Tschakert**

**Coordinator of the Master in International Development  
Deputy Head of School – UWA School of Agriculture and Environment**



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# Master in International Development (MID)

The UWA School of Agriculture and Environment  
The School of Social Sciences



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# **National Medium Term Development Plan 2015-2019 (RPJMN 2015-2019)**

**“Inclusive and sustainable growth, increasing value added of natural resources with the sustainable approach, increasing quality of the environment, disaster mitigation and tackling climate change”.**

**Green economy - Green cities development, climate and disaster security**

**Develop the rural and remote areas**

**Increasing community resilience to the impacts of climate change on 15 vulnerable areas which are the pilot of National Adaptation Action Plan on Climate Change ( RAN -API)**

# SDGs Indonesia 2018

## Current Assessment – SDG Dashboard



### Rating

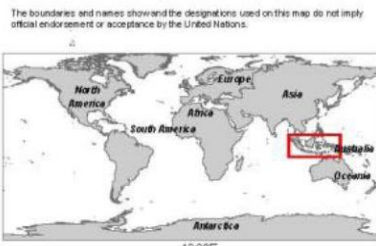
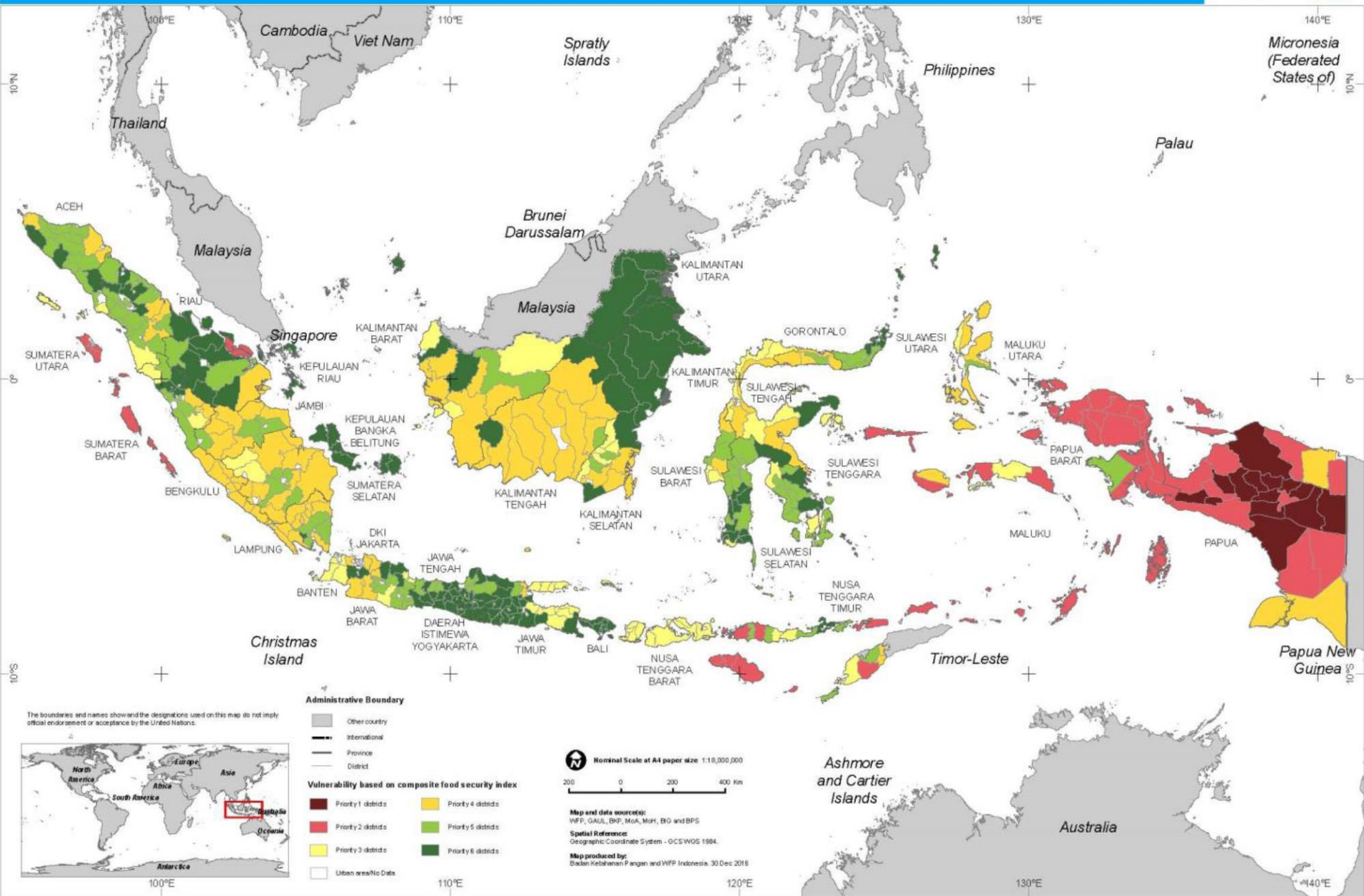
- SDG achieved
- Challenges remain
- Significant challenges remain
- Major challenges remain
- [information unavailable]

### Trend

- Maintaining SDG achievement
- ↑ On track to achieve goal by 2030
- ↗ Score moderately increasing, insufficient to attain goal
- Score stagnating or increasing at less than 50% of required rate
- ↓ Score decreasing
- .. Trend information unavailable



**Map 7.1**  
**Vulnerability to food insecurity 2015**



# Indonesia Needs to Address Persistent Gender Inequality Problem

Gender inequality is one of Indonesia's main issues, but the government's support and goals towards equality have yet to translate into policy initiatives.

By Dikanaya Tarahita An... — Last updated Jun 22, 2018

OPINION

PARENTS

## Fight for gender equality starts at home



FENTY SIREGAR

D3 ENGLISH TEACHER AT MARANATHA CHRISTIAN UNIVERSITY'S SCHOOL OF LETTERS

Bandung | Thu, March 8, 2018 | 02:08 pm

<https://asiancorrespondent.com/2017/03/indonesia-push-teach-gender-equality-schools-amid-rising-violence-women/#1PggrifXqT24TIBB.97>

## Indonesia still struggles to close gender equality gap: UNDP



Marguerite Afra Sapiie

The Jakarta Post

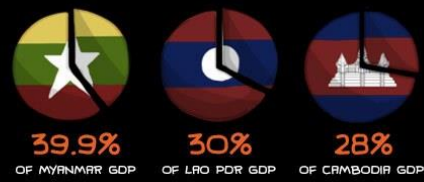
Jakarta | Wed, March 22, 2017 | 09:09 pm





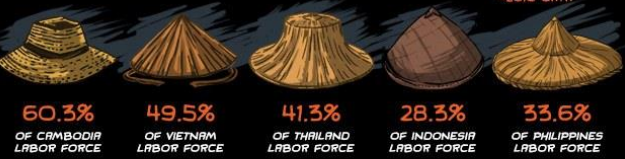
# HOW CLIMATE CHANGE THREATENS THE ASEAN FOOD BASKET

AGRICULTURE IS A BIG DEAL IN ASEAN.



IT'S A MAJOR CONTRIBUTOR TO GDP...

IT PROVIDES LIVELIHOOD FOR MANY SOUTHEAST ASIANS...



ASEAN IS A KEY PRODUCER OF MANY AGRICULTURAL PRODUCTS...

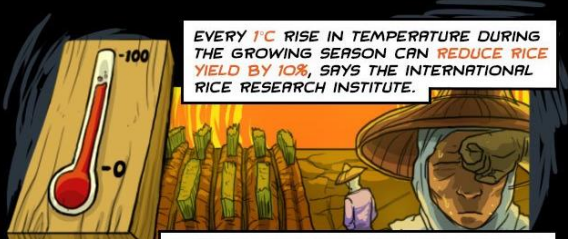


5 OUT OF 10 OF THE WORLD'S TOP RICE PRODUCERS ARE ASEAN COUNTRIES...



BUT CLIMATE CHANGE IS CLOSING IN...

A HOTTER CLIMATE MEANS FARMERS ARE HARVESTING LESS RICE THAN BEFORE.



EVERY 1°C RISE IN TEMPERATURE DURING THE GROWING SEASON CAN REDUCE RICE YIELD BY 10%, SAYS THE INTERNATIONAL RICE RESEARCH INSTITUTE.

FARMERS ARE FEELING IT. SINCE THE 1960S, THE TEMPERATURE IN ASEAN HAS BEEN RISING BY 0.14-0.20°C EVERY DECADE.

A DISRUPTED CLIMATE HAS LED TO ERRATIC RAIN PATTERNS ACROSS THE REGION, AFFECTING CROPS.

IN CAMBODIA, LAO PDR, THAILAND, MYANMAR AND VIETNAM, RAINFALL HAS BEEN BELOW AVERAGE SINCE 2009.



IN CAMBODIA, INTENSE FLOODS AND DROUGHTS ACCOUNTED FOR 90% OF RICE PRODUCTION LOSSES FROM 1996 TO 2001.



IN THE PHILIPPINES, THE 2015 DRY SPELL HAS WROUGHT \$49.2 MILLION IN DAMAGE TO AGRICULTURE.



DROUGHT CAN LOWER CROP YIELD BY 17-40% COMPARED TO YIELD IN AREAS LEAST AFFECTED BY DROUGHT.



TYPHOON HAIYAN IN 2013 CAUSED AGRICULTURAL DAMAGE WORTH \$700 MILLION.



MELTING ICE SHEETS IN OTHER PARTS OF THE WORLD CONTRIBUTES TO RISING SEA LEVELS WHICH ENDANGERS FARMLANDS NEAR THE SEA...



SEA LEVEL IN ASEAN HAS RISEN AT A RATE OF 1-3 mm A YEAR.



IN INDONESIA, 15% OF TOTAL RICE OUTPUT IS DAMAGED BY SALTWATER WHEN IT CONTAMINATES THE SOIL PLANTED WITH RICE.



IN VIETNAM, SALTWATER INTRUSION AFFECTS 100,000 HECTARES OF AGRICULTURAL LAND IN THE MEKONG DELTA REGION.

## WHAT SHOULD ASEAN DO?



THE REGION CAN POUR FUNDS AND RESOURCES INTO MAKING AGRICULTURE MORE RESILIENT TO CLIMATE CHANGE, SAY EXPERTS.



INVESTMENTS FOR CLIMATE-READY AGRICULTURE EQUIVALENT TO 0.2% OF GDP WILL LEAD TO BENEFITS AMOUNTING TO 1.9% OF GDP, SAYS A STUDY COMMISSIONED BY THE ASIAN DEVELOPMENT BANK.



ASEAN CAN COME TOGETHER TO THINK OF WAYS TO PROTECT ITS AGRICULTURAL SECTOR FROM CLIMATE CHANGE.

IT HAS TWO PLATFORMS TO DO THIS.

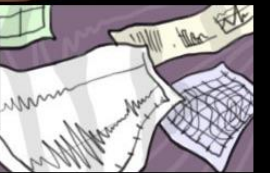


THE ASEAN CLIMATE INITIATIVE

THE ASEAN MULTI-SECTORAL FRAMEWORK ON CLIMATE CHANGE

THROUGH THESE PLATFORMS, ASEAN CAN...

CREATE A REGIONAL KNOWLEDGE HUB TO TRACK CLIMATE CHANGE IMPACTS ON AGRICULTURE AND DOCUMENT EFFECTIVE POLICIES AND PROGRAMS.



SHARE KNOWLEDGE WITH EACH OTHER

PUT TOGETHER A CORE GROUP OF EXPERTS TO HELP SPREAD KNOWLEDGE.



CREATE AN ASEAN FUND FOR CLIMATE ADAPTATION AND MITIGATION IN AGRICULTURE.



# Intergovernmental Panel on Climate Change (IPCC)



- Worldwide Scientific Collaboration -

308

AUTHORS

70

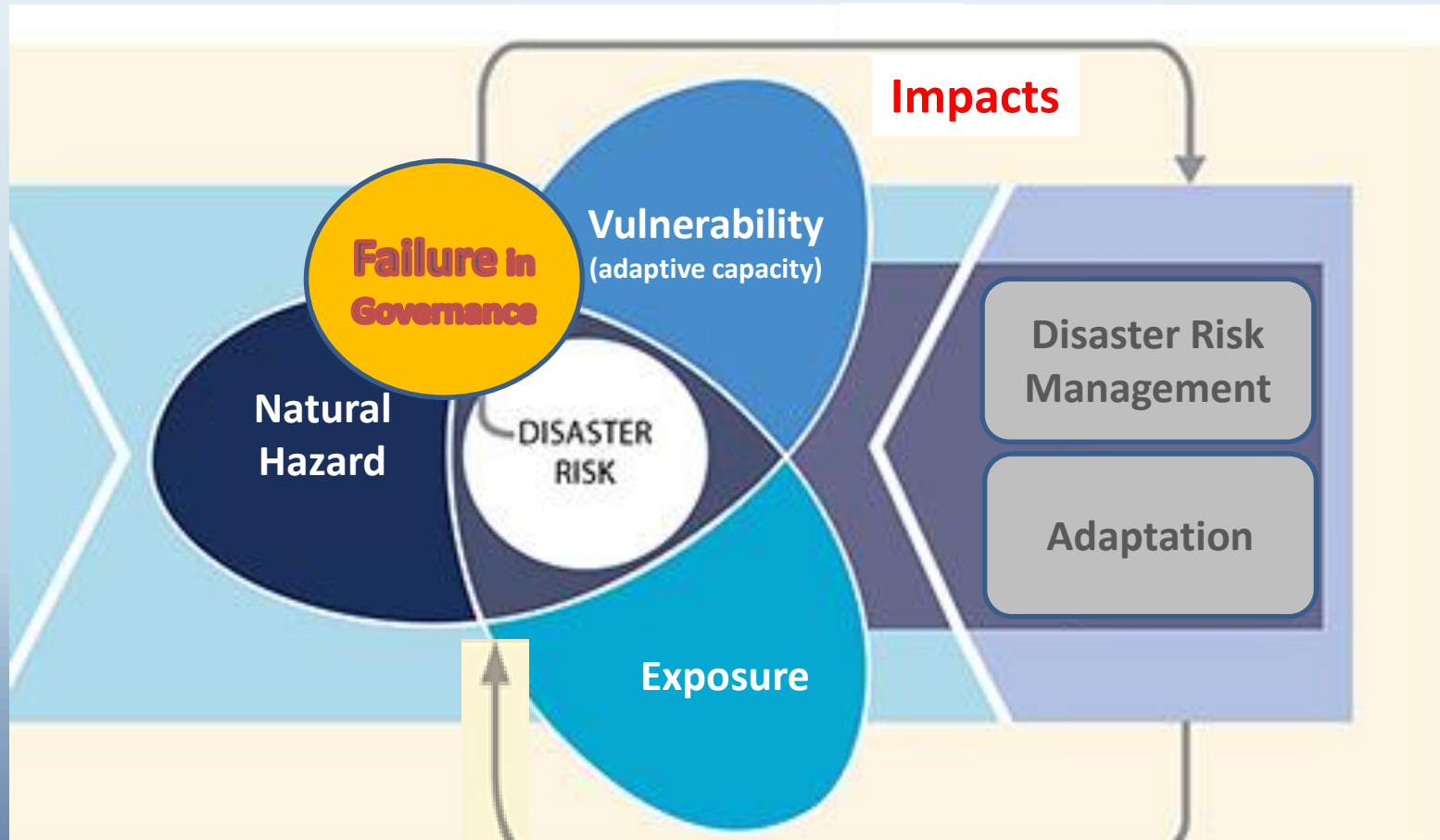
COUNTRIES

50492

REVIEW COMMENTS



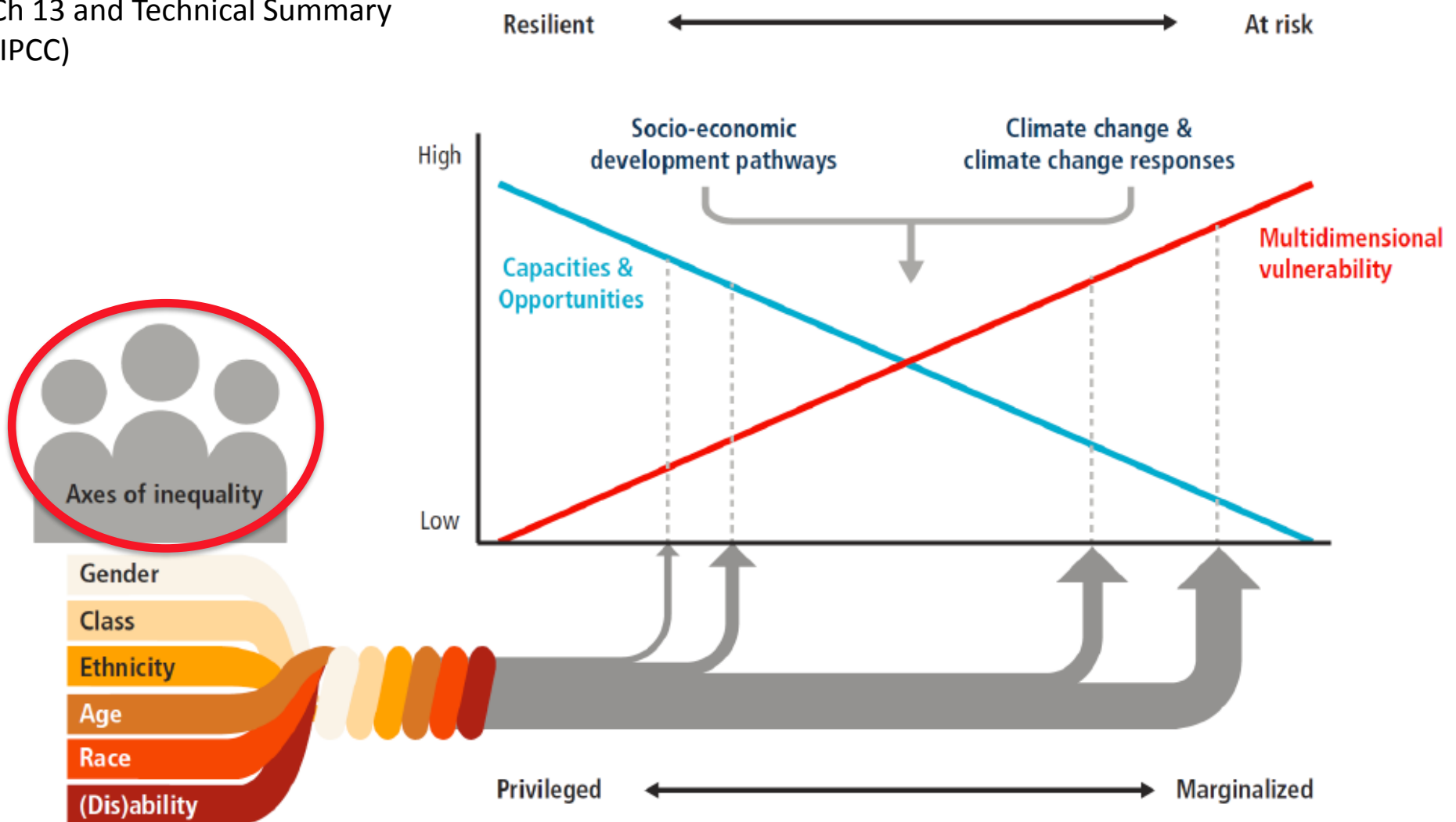
# Hazards, Exposure, Vulnerability, Risk, and Impacts





# Multidimensional Vulnerability

Ch 13 and Technical Summary  
(IPCC)



# Disasters and Gender



Are women more vulnerable than men in the face of disasters????



<http://www.perthnow.com.au/lifestyle/the-heartwrenching-reality-of-suicide-and-depression-among-australian-farmers/news-story/83bb0a557e4da66301090960ca639d81>

The assertion that women are 14 times more likely to die in natural calamities is NOT true.

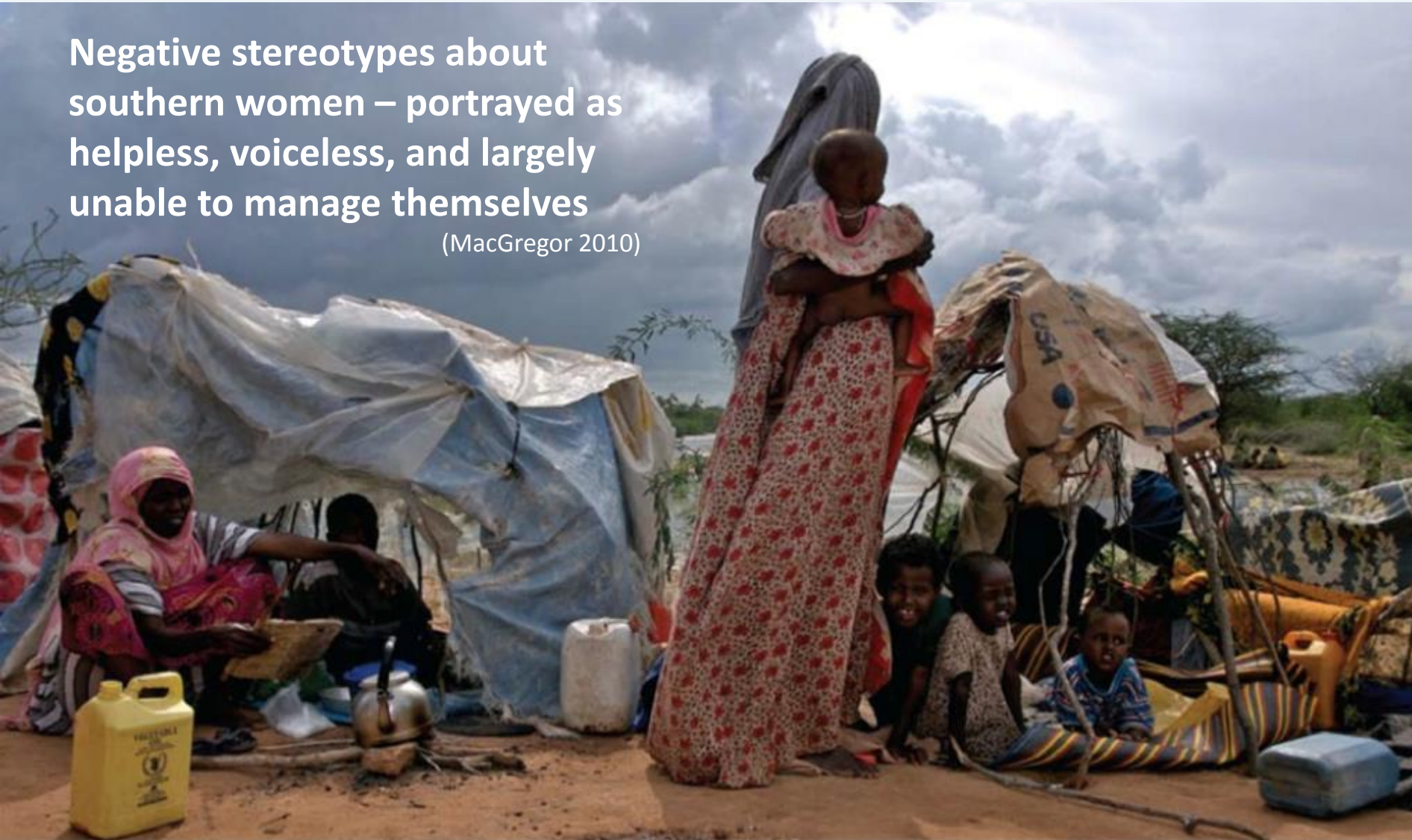
When they are **socioeconomically disadvantaged** and the disasters **exacerbate existing patterns of discrimination**, more women die in hurricanes and floods.



# One-Sided Portrayals of People Affected

Negative stereotypes about southern women – portrayed as helpless, voiceless, and largely unable to manage themselves

(MacGregor 2010)



(Source: Care International et al. 2009)



[https://www.unicef.org/somalia/reallives\\_19035.html](https://www.unicef.org/somalia/reallives_19035.html)



<http://www.deccanherald.com/144225/world-neighbours/gallery/indian-ocean-tsunami-10th-anniversary-one-deadliest-natural?imgid=186035#s>



<https://www.emaze.com/@JCM1LO/Care-for-Women>



<http://www.urbannewsdigest.in/?p=3707>

(Source: Care International et al. 2009)

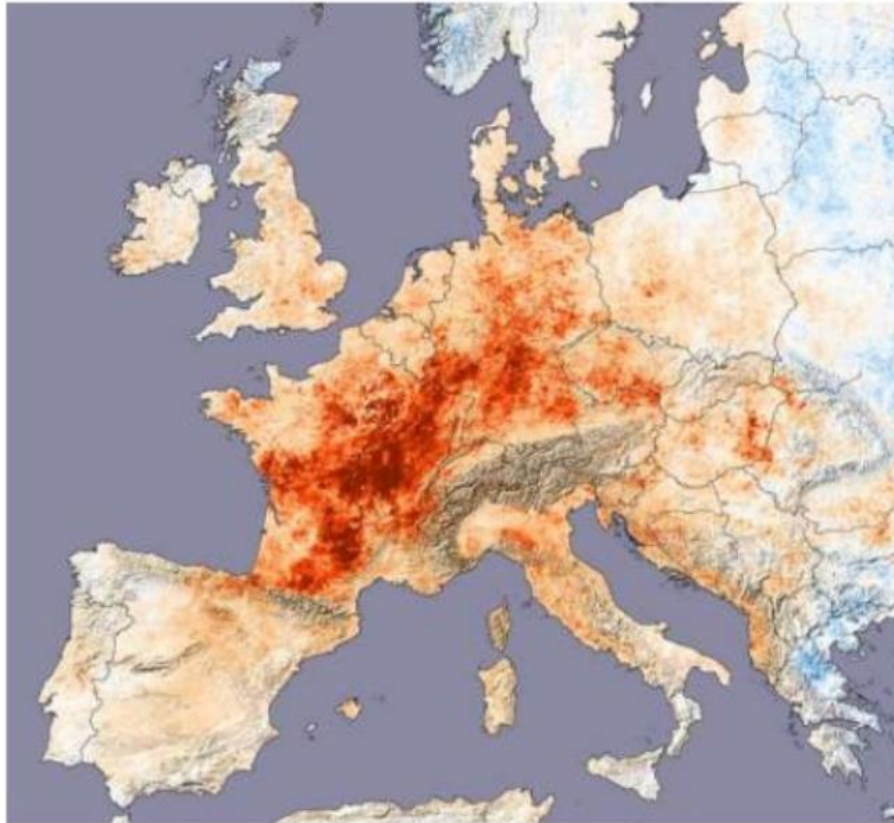




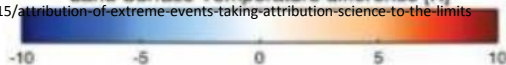
Met Office  
Hadley Centre

# 2003 European heatwave

Heat-related death toll  
of many tens of  
thousands



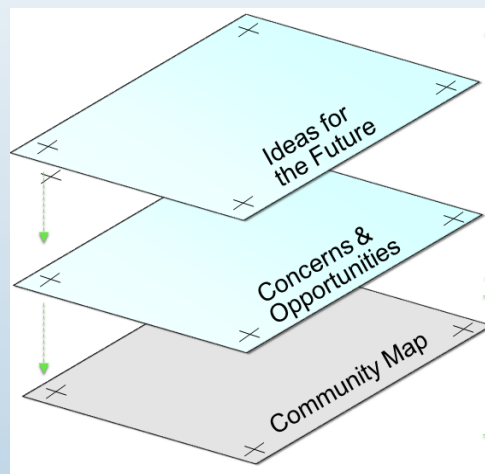
Land Surface Temperature difference [K]



<https://www.slideshare.net/CFCC15/attribution-of-extreme-events-taking-attribution-science-to-the-limits>



# Adaptive Capacities (Assam/India and Nepal)



- From envisioning to flexible (flood management) planning
- Overcome gendered barriers to adaptive decision making and action





# Planning Our Futures (Tanzania)



→ Blending of locally monitored changes with district level planning



# Politics of Adaptation





# Climate Change and Development Indonesia



**Reduce emissions** by 26% on its own efforts, and up to 41% with international support, against the business as usual scenario by 2020

**Vulnerability:** low-lying small island areas – sea level rise, coastal inundations; high population density, deforestation and forest degradation, erosion, flooding, landslides



Nov. 2016

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FIRST NATIONALLY DETERMINED CONTRIBUTION  
REPUBLIC OF INDONESIA

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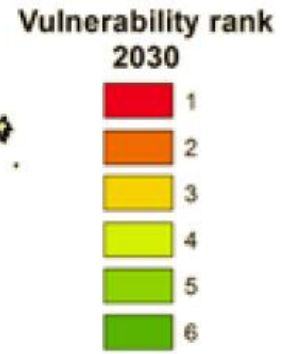
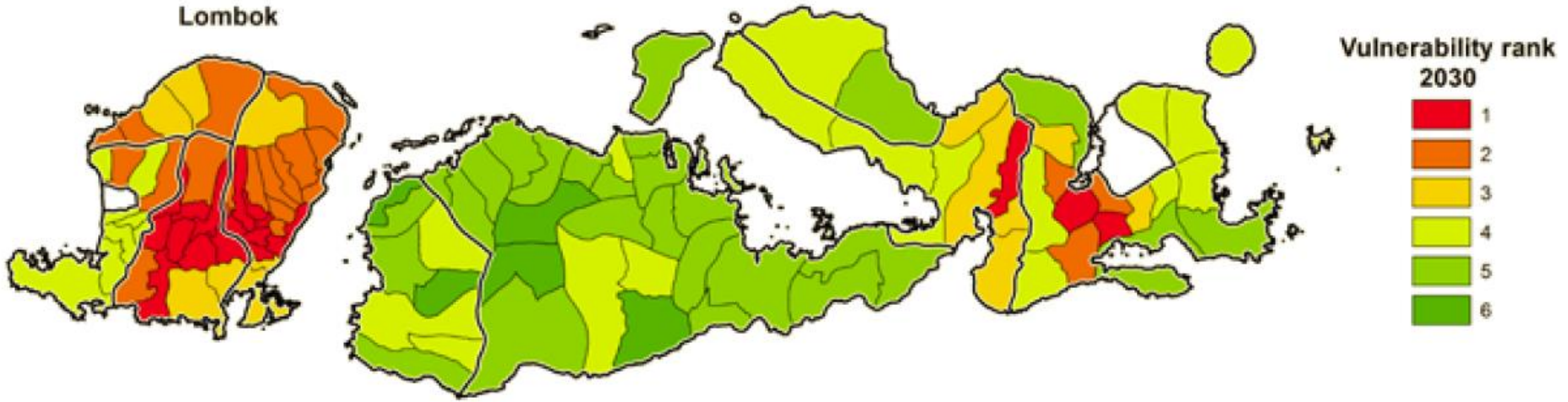
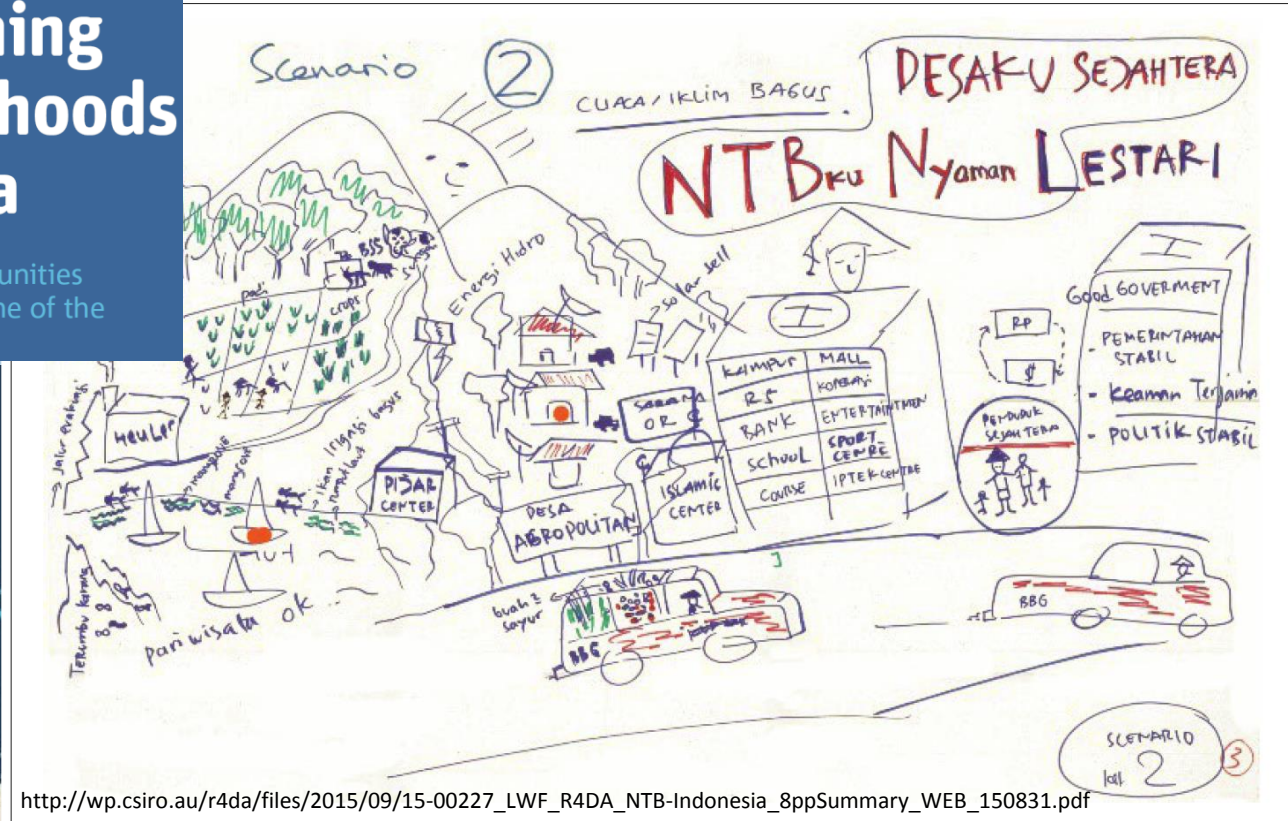


Figure 1. The Vulnerability Atlas for NTB sub-districts showing projections for 2030

# No regrets – sustaining adaptive rural livelihoods in Eastern Indonesia

Enhancing the adaptive capacity of rural communities in Indonesia's Nusa Tenggara Barat Province, one of the world's least-developed regions.





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## Common Units

Global Development Debates

Development Practice

Development in Practice	Economics of Development	Politics of Development
Place-based and Participatory Development	Economic Development in Theory and Practice	Peace and Security
Conservation, Development and Sustainability	Economic Analysis and Policy	NGOs, Governance and Development
Population, Migration and Development	Advanced Development Economics	Gender in Development Approaches and Issues
Resource Extraction and Regional Development	Agriculture and Economic Development	Regulating Development: State-building, Migration, and Social Protection





## Common Units

Global Development Debates

Development Practice

Development in Practice

Place-based and  
Participatory Development

Conservation, Development  
and Sustainability

Population, Migration  
and Development

Resource Extraction and  
Regional Development







## Common Units

Global Development Debates

Development Practice

## Economics of Development

Economic Development in Theory and Practice

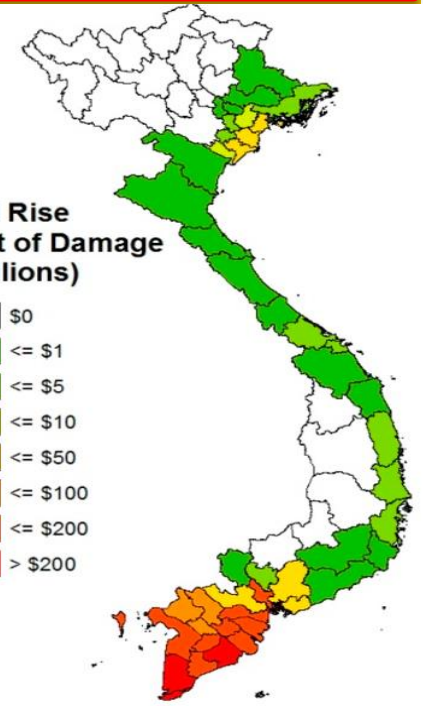
Economic Analysis and Policy

Advanced Development Economics

Agriculture and Economic Development



Vietnam  
Sea Level Rise  
Total Cost of Damage  
(\$USD Millions)



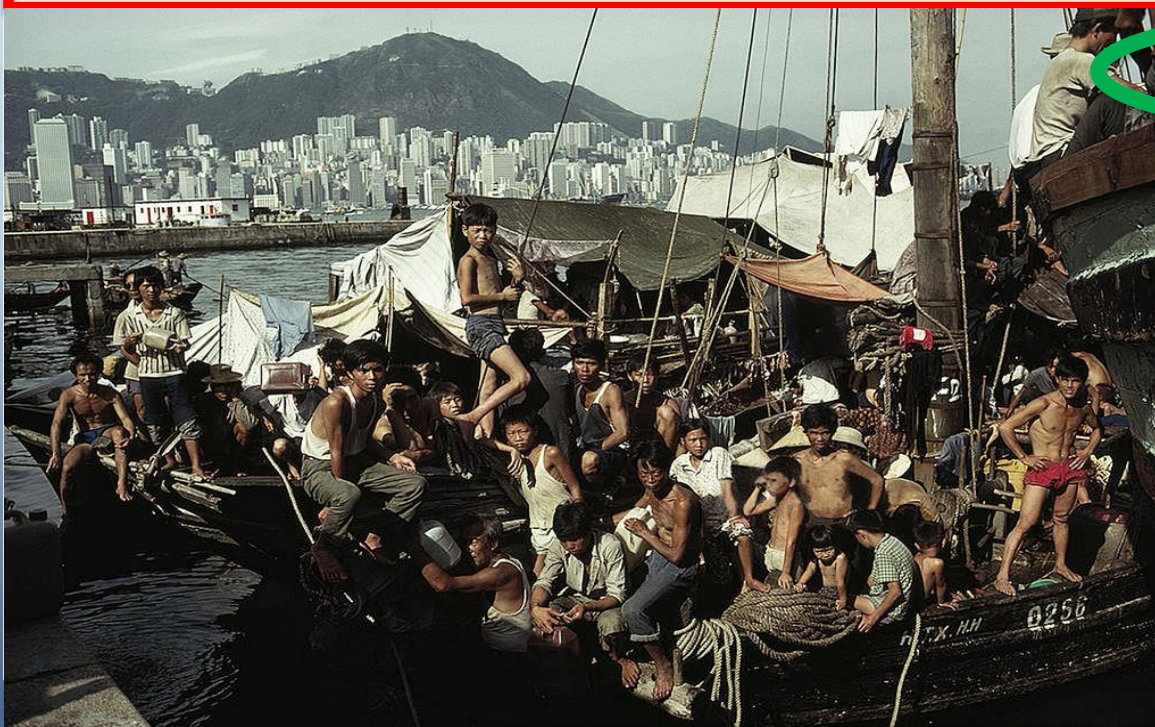




## Common Units

Global Development Debates

Development Practice



## Politics of Development

Peace and Security

NGOs, Governance  
and Development

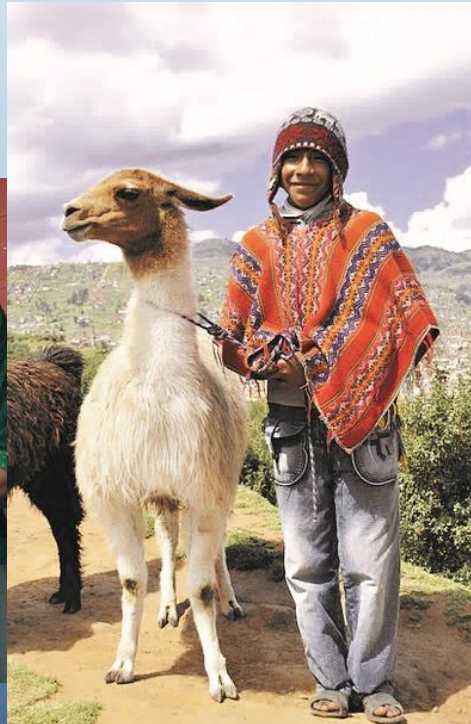
Gender in Development  
Approaches and Issues

Regulating Development:  
State-building, Migration,  
and Social Protection



# Master of International Development

- Analytical and practical skills
- Engage critically in development issues and debates
- Interdisciplinary perspective
- Development policy, research, and practice



## Career possibilities:

- International development organisations (UN, World Bank)
  - NGOs (Oxfam, CARE Intern.)
  - Government (Department of Foreign Affairs and Trade)
  - Universities
  - Community organisations
- **Length**
    - 1.5 – 2 years full-time (part-time equivalent)
  - **Eligibility**
    - Relevant Bachelor degree, with equivalent of ~65% average



# Thank You for Your Interest!

