

# Drought as disaster risk

## Addressing climate uncertainty effects on forest peoples in the Philippines

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Disaster risk

Case studies

Climate  
uncertainty

Forests, drought  
and poverty

DRR framework

# Overview

- ▶ Drought as disaster risk—Why vulnerability?
- ▶ Case studies
- ▶ Climate uncertainty
- ▶ Forests and drought
- ▶ Forests and poverty
- ▶ DRR framework for development

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# Why vulnerability?

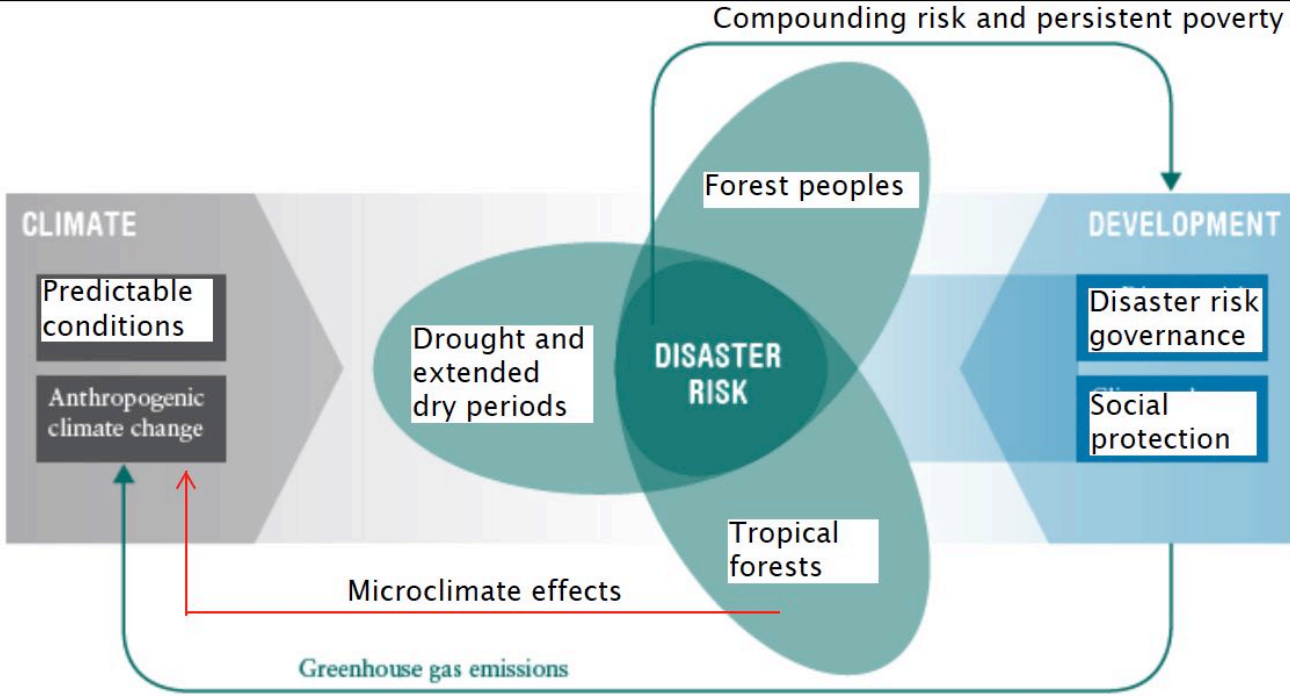


Diagram format from UNISDR (2009).

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# Deforestation in northcentral Mindanao

- ▶ Dry conditions facilitate forest destruction
- ▶ Mining and clearcutting
- ▶ Forest fires
- ▶ The Bendum exception
- ▶ No obvious degradation

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# Tree cover loss Mindanao (2001–2013)

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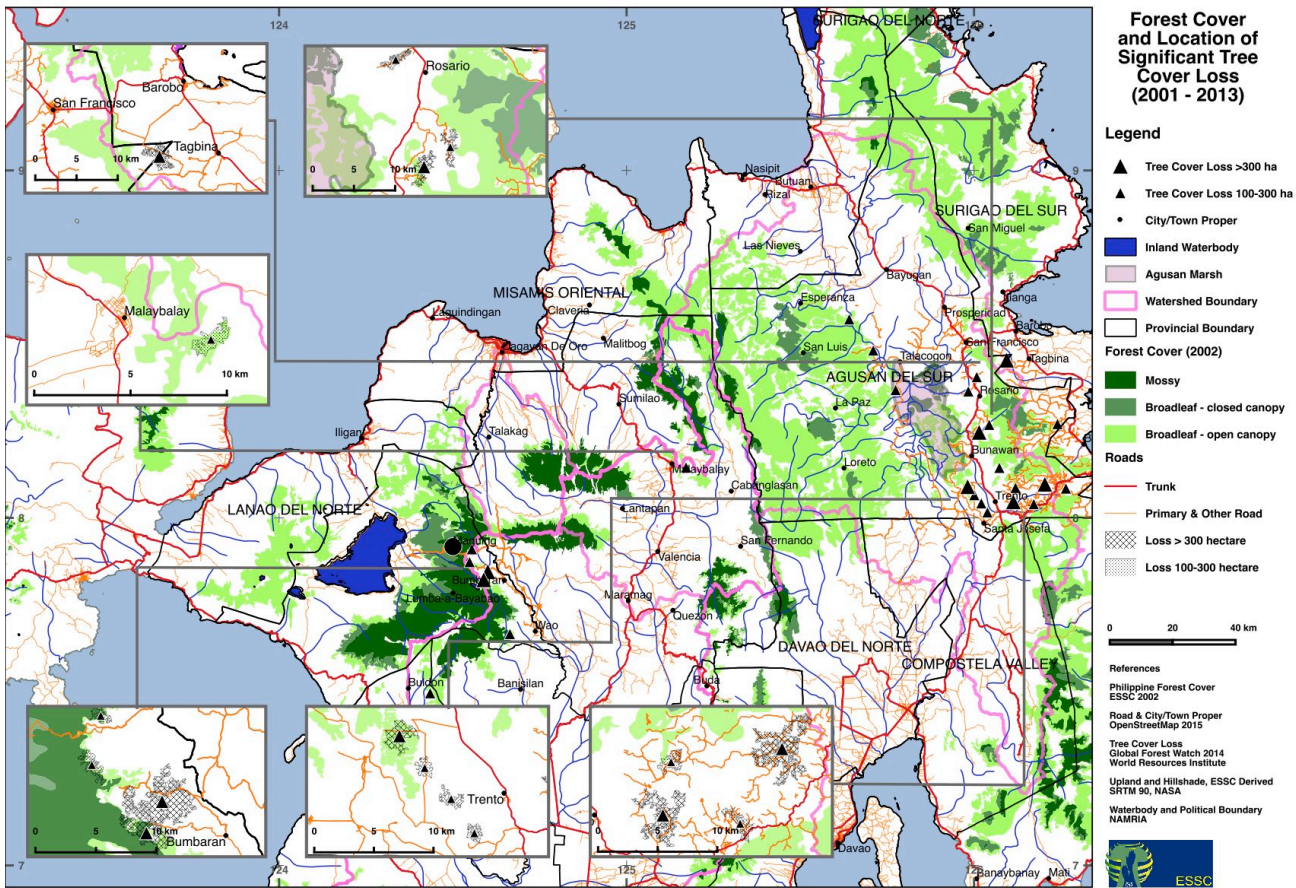
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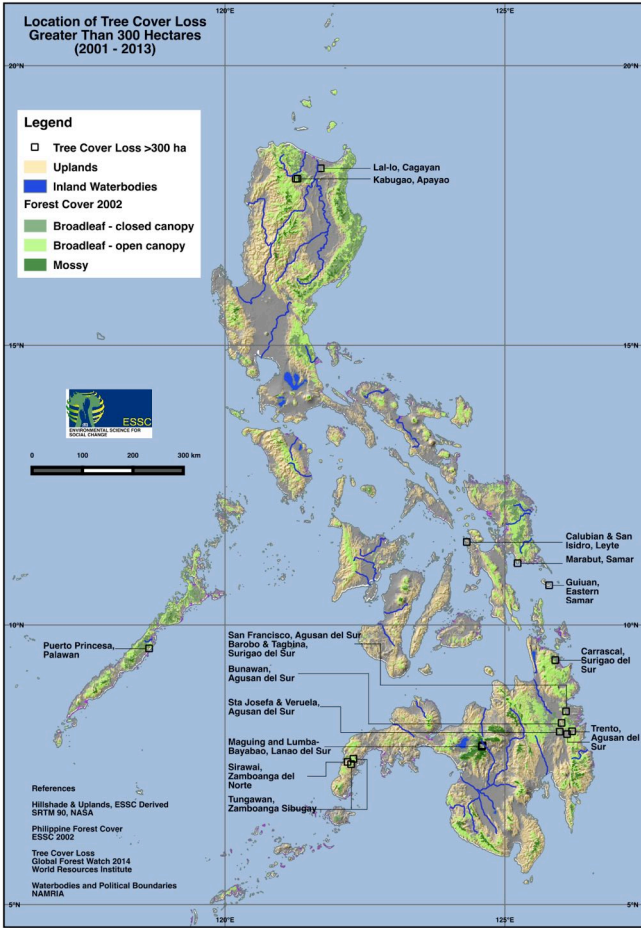
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# Climate and forests



Where are the most vulnerable forest peoples found?

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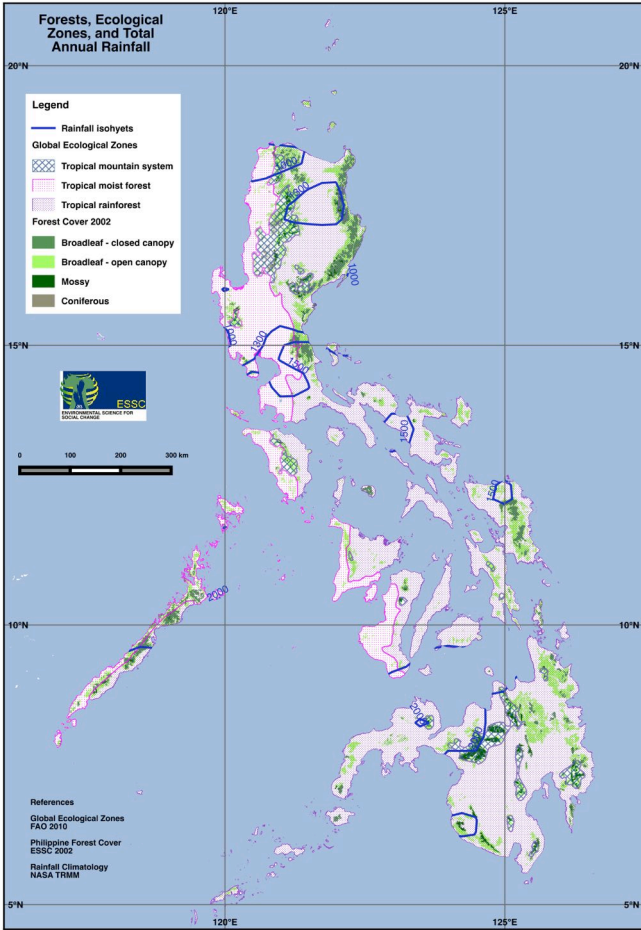
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# Rainfall and forests



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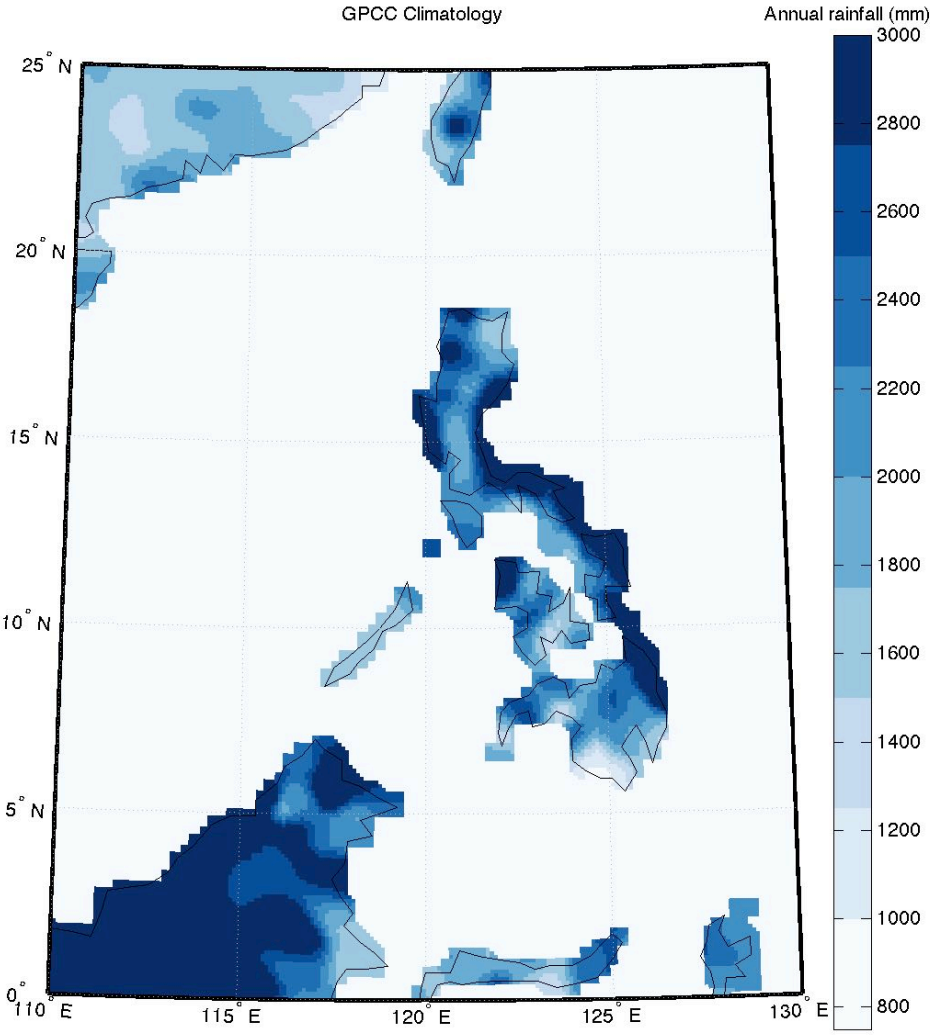
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# Rainfall climatology (GPCC)



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# Recommendations

- ▶ Decrease **forest dependence**
- ▶ Address *specific* needs of **the poor**
- ▶ Focus *also* on **secondary forests**
- ▶ Drought as **disaster risk**
- ▶ **Pay back** better forest management *as a bridge*
- ▶ **Increase budgets** to limit forest *degradation*

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# Thanks

- ▶ Global Forest Watch [www.globalforestwatch.org/](http://www.globalforestwatch.org/)
- ▶ Global Precipitation Climatology Centre  
<http://gpcc.dwd.de>
- ▶ Landsat <http://landsat.gsfc.nasa.gov/>
- ▶ Dallay Annawi, Maning Sambale, Jun Folledo,  
Andres Ignacio

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