

Forests, natural disasters and climate change: post 2020 international scenarios

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Climate change, forests, natural disasters...



Interactions

- Climate change contributes to natural disasters in forests
- On business as usual global emissions growth these will get worse overall
- But forests (deforestation) contribute to climate change
- They are a regulator of climate
- Mitigation, adaptation and disaster risk
- The most complex roles of any climate factor

Climate change and science

- **IPCC AR5: WG1 says science models more or less right**
- **Extremes less likely**
- **Uncertainties remain e.g. Amazon forest, interactions with clouds**
- **WG 2 next year will clarify impacts**
- **Cumulative CO₂ and RCPs implications for forests**

Conflicts, obstacles

- **There is opposition to most uses of forests**
- **Food-fuel-timber-agriculture-forest-livelihoods conflicts**
- **The politics of international negotiations**

...and people....



SONY

PLANTATIONS

ARE NOT
Forests



www.sustainableforests.org

DVD
VCR



UN climate negotiations

- Green Climate Fund
- REDD+ workstream
- New market mechanism(s)
- Non market mechanisms
- Measurement and reporting
- Rules for forestry post 2020 – land-based, activity-based? Flexibility, simplification?
- Note new negotiating theme of loss and damage including compensation, insurance
- Some results expected at Warsaw Nov 2013

Ideal scenario?

- **One system of land use and forestry accounting**
- **Payment for ecosystem services through forestry**
- **Pre-market REDD available**
- **Inclusion in offset mechanism/international carbon markets**
- **Finance available**
- **Domestic governance in order**
 - **REDD ready**
 - **Local/indigenous people engaged**

How to advance

- **Lose some baggage from UNFCCC**
- **Look beyond the North/South = rich/poor model**
- **Keep forestry closer to land sector and general climate change policy**
- **Push for evidence-based solutions**
- **Don't wait for the UN to deliver ; instead show the way**
- **There is hope: no 2015/2020 outcome if no REDD**