



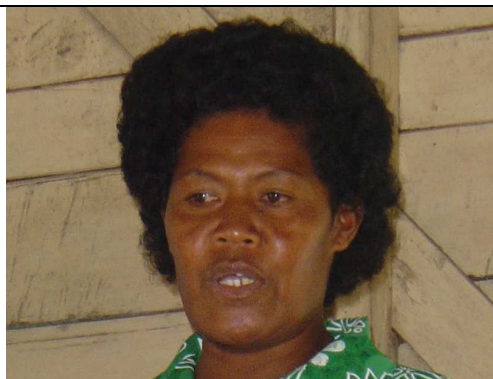
## Climate Witness: Penina Moce, Fiji

*On Kabara, a small island of sandy beaches surrounded by clear blue ocean in the Pacific, rain is everything. Now climate change is making rain more scarce, while rising sea levels are increasingly squeezing the islanders*

### What the IPCC says

- **Less rainfall coupled with accelerated sea-level rise** compound the threat on water resources
- **Accelerated coastal erosion, saline intrusion into freshwater lenses and increased flooding** from the sea cause large effects on human settlements
- **Beach erosion is prevalent** due to sea level rise and human clearing of mangroves (1960s-1990s)

Source: IPCC 4th Assessment Report, working group II [ Box 16.1 & 1.3.3.1]



Penina Moce, 43, is married and has 5 children. The family lives in Udu on Kabara Island in Fiji.

***“...our normal dry season seems to have extended and the weather during this period is far drier and hotter.”***

### What this WWF Climate Witness is experiencing right now

- “Water shortage has always been a part of our lives on Kabara, however **in more recent years we have noticed that our normal dry season seems to have extended and the weather during this period is far drier.** This not only affects how much water we have available to use for our daily needs, but also our gardens.”
- “**...the sea is slowly eroding our coastline and spreading the sand over our fishing grounds.** The seagrass beds have also spread quickly, clogging up the natural flow of water within the fishing grounds and burying the coral.”
- “There also used to be colourful, live coral from the edge of the beach out to the reef. But now everything has gone white.”

### To limit the impacts of climate change highlighted by the IPCC's 4th Assessment Report...

- Industrialized countries must cut their emissions by at least 30% by 2020;
- Big developing economies should agree to join hands with rich countries to develop their own climate solutions; and
- Deforestation must be stopped, by making forest protection a business proposition.

WWF works with governments and communities around the world to develop region-specific adaptation strategies to address climate change impacts — such as those impacts being observed by our Climate Witnesses here and now.

For more information: Chief Scientist, WWF International Climate Change Programme, Email: [Lara.Hansen@wwfus.org](mailto:Lara.Hansen@wwfus.org)

[www.panda.org/climatewitness](http://www.panda.org/climatewitness)

### Find out more

Testimonial:

[panda.org/climatewitness/moce](http://panda.org/climatewitness/moce)

**Contact WWF:** Jyotishma Naicker, Campaigner, WWF South Pacific Programme, Fiji, Tel: +679 331 5533, [inaicker@wwfpacific.org.fj](mailto:inaicker@wwfpacific.org.fj)

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