



World Agroforestry Centre  
TRANSFORMING LIVES AND LANDSCAPES

# Trees on farms: Tackling the triple challenge of mitigation, adaptation and food security



Trees help fight climate change by storing carbon. They buffer against weather-related production losses, enhancing resilience against climate impacts. And trees on farms provide additional income and diversity of food sources through tree-based products.

Photo © M. Makiati

## Key Points

- Trees on farms sequester carbon and contribute to mitigating climate change.
- Trees on farms enhance resilience to climate variability.
- Tree-based agricultural systems improve food security and livelihoods.

## Policy recommendations

- Increased adoption of agroforestry should be supported through finance for agricultural development and adaptation as well as mitigation.
- Payments for environmental services – including carbon finance – should be geared towards increasing the extent of trees on farms
- More support is needed to increase the contribution of tree-based crops to smallholder incomes, thus diversifying income sources and increasing food security in the face of climate change.

### Contact:

Dr. Henry Neufeldt  
World Agroforestry Centre (ICRAF)  
PO Box 30677, 00100 GPO, Nairobi, Kenya  
Email: h.neufeldt@cgiar.org

[www.worldagroforestry.org](http://www.worldagroforestry.org)