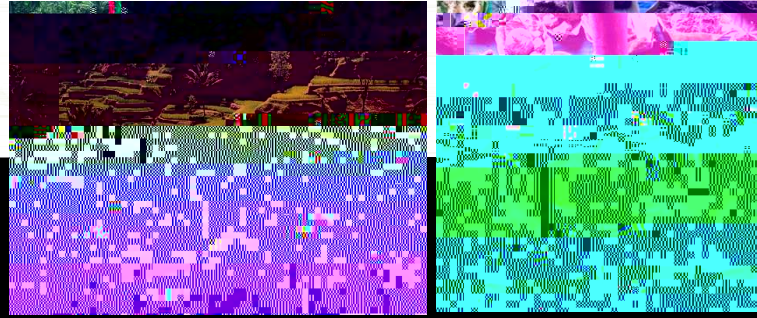




Food production systems across the forest-agriculture continuum

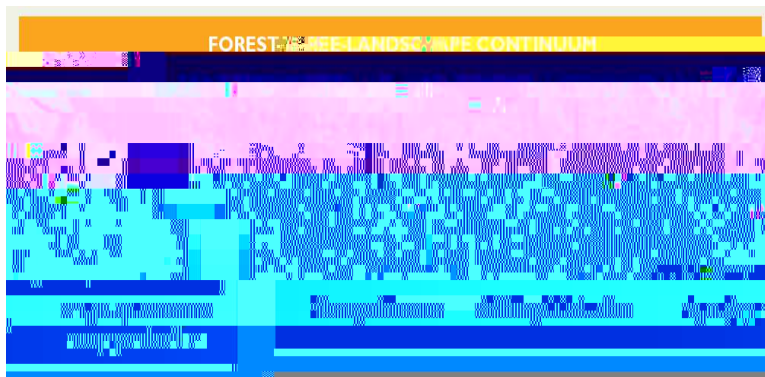
Dr. John Parrotta

International Union of Forest Research Organizations
& U.S. Forest Service R&D



Contribution of forests to the achievement of SDG2:

Forests and Food Security
UNFF 2018-2022



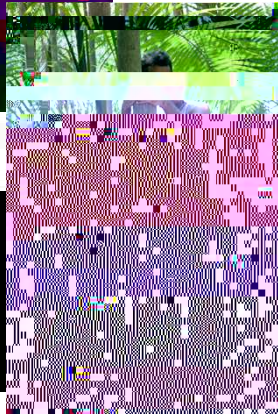
Forests and tree-based systems are part of broader economic, political, cultural and ecological landscapes that typically include a mosaic of different food production systems and other land uses.



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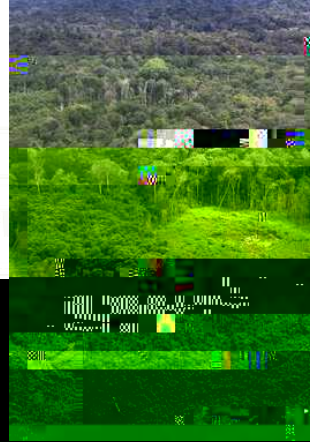


Managed forests, woodlands and rangelands



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Shifting cultivation



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Shifting cultivation

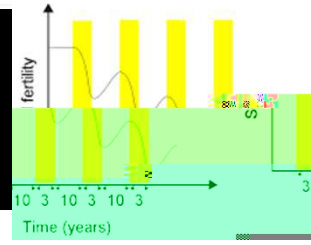
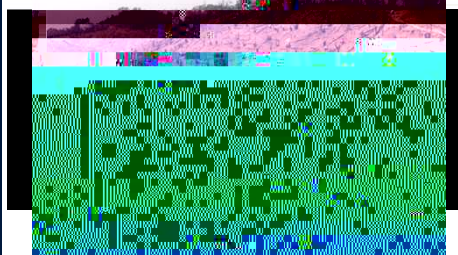
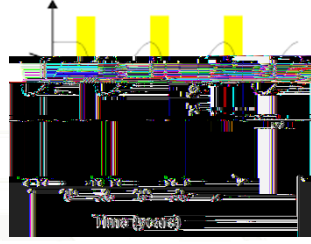
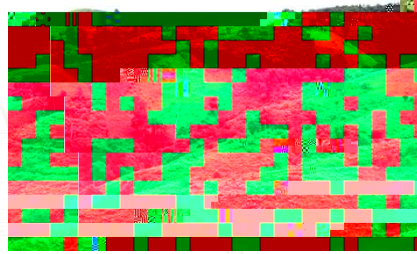


- + For early practiced worldwide" no% largely restricted to tropical and subtropical regions" on communal" open access and State lands(
- +) when sustainably managed" diversified production on lands suited for more intensive crop production" biodiversity conservation benefits.
- +) widely varying estimates of forest area involved" and numbers of practitioners, #! to - . . / million0.

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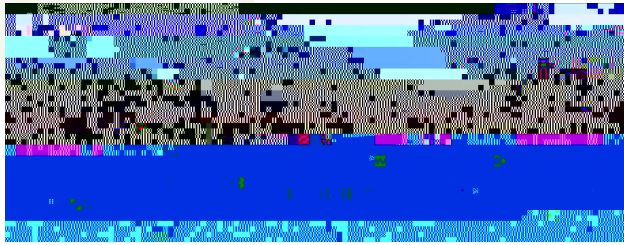
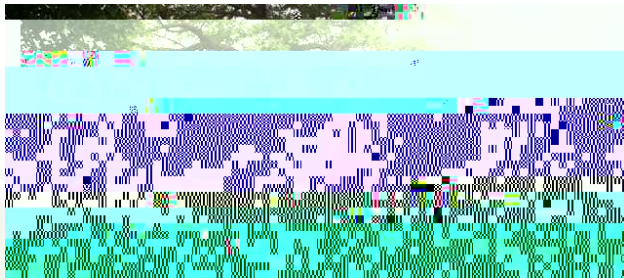


Shifting cultivation sustainability issues



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2groforestry



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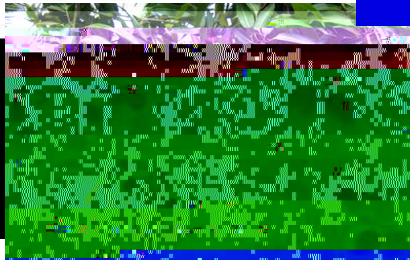
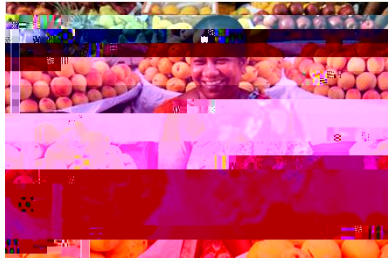


Agroforestry

- Broad array of systems involving management of tree crops, for timber, food, fuel, fodder, agricultural crops and/or livestock
- Well suited for sites that are marginal for intensive field crop and livestock management with high potential to

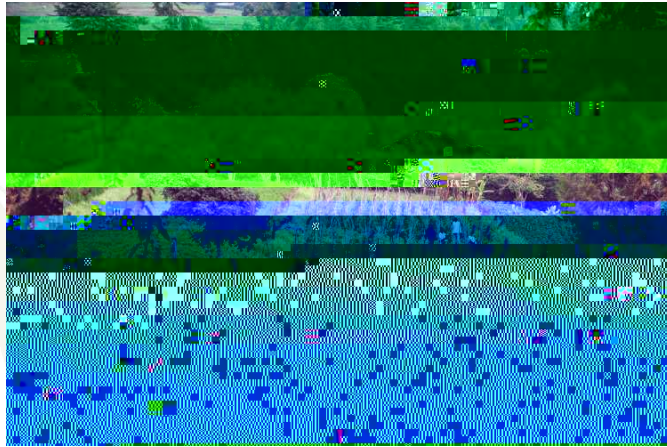


Agroforestry



Agroforestry

- Hundreds of species domesticated, since antiquity primarily for fruit and timber production
- Managed on large "editorial" scales primarily on private and communal lands for both subsistence and market economies.
- Significant contributions to the food security and nutrition of producers and consumers as well as far incomes.



http://www.iufro.org/science/forests-and-food-security-report'

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