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REKREACE A OCHRANA PŘÍRODY – S PŘÍRODOU  
RUKU V RUCE?“ (RaOP 2018)

## Timber and wood production in Tropical African Virgin Forests

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# Introduction

## Background

- Tropical Africa (TA) is highly endowed with natural and ever green broad leaved forests.
- a home to the world's rarest species of birds, animals, trees and shrubs
- TA, one of the globe's diversities- medicinal plants, high quality food, various natural rivers and inland lakes (L.Victoria)

# Introduction

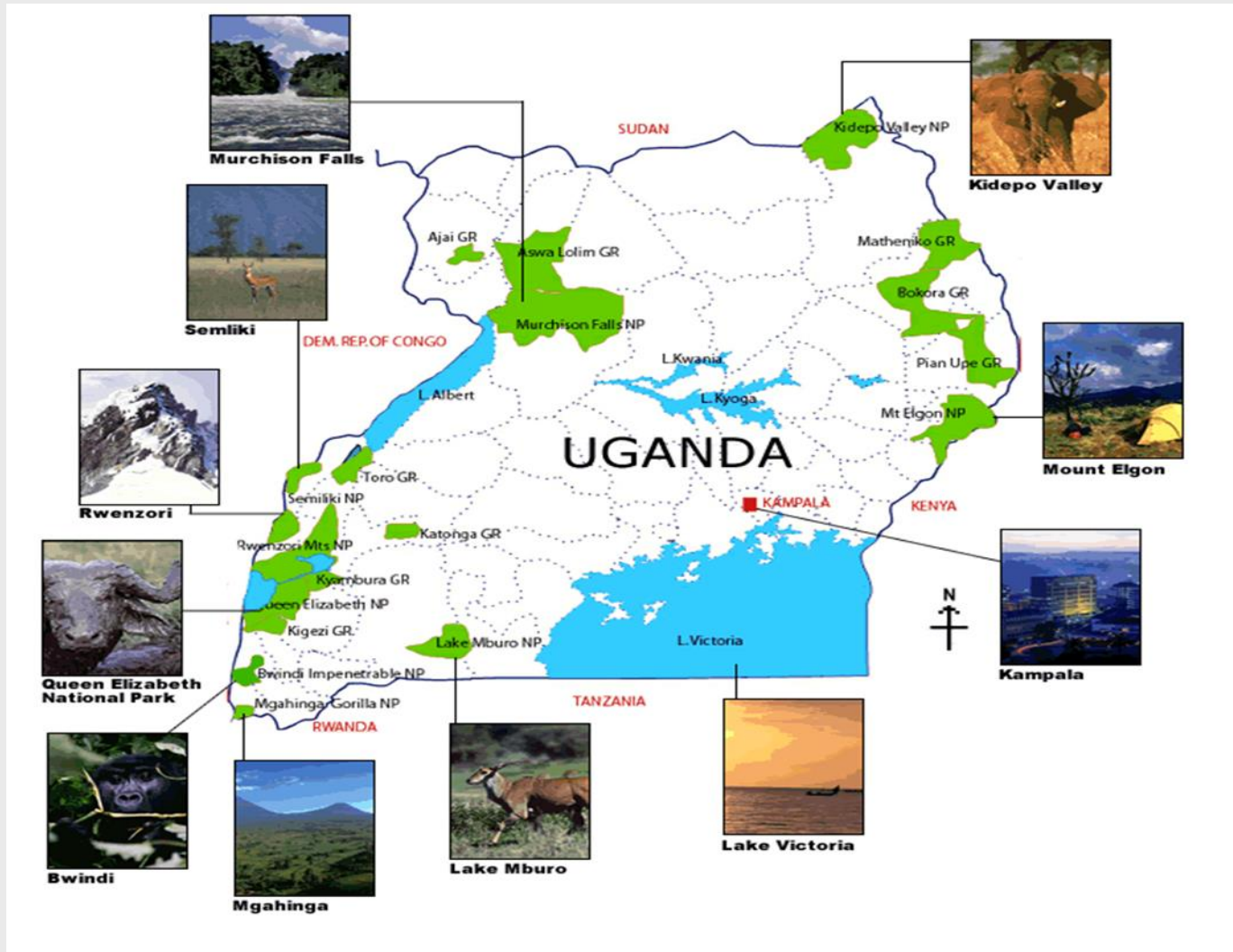


Fig 1: Case of natural biodiversity in Uganda (a part of Tropical Africa)

# Introduction

- TA forms the global forest functions i.e. economic, social and ecological uses
- much of the wood goes to **wood fuel** and **wood charcoal, Timber**
- hard and quality wood of species **for example; African ash, African Teak, African mahogany, Afrormosia, African Cherry, and the Utile**

# Aim and Objectives

- We examine the trend in forest wood and timber production, and deforestation in Tropical Africa.
- Policy recommendation for sustainable development
- Key words:

lumber, wood fuel, deforestation, economy, ecology

# Materials & Methodology

- Review of related Scientific literature & sources
- Data-FAO-STAT 2018;
- round wood, industrial round wood, sawn wood, saw logs and veneer logs, wood pulp, wood fuel, and wood charcoal
- statistical examination-descriptive

# Materials & Methodology

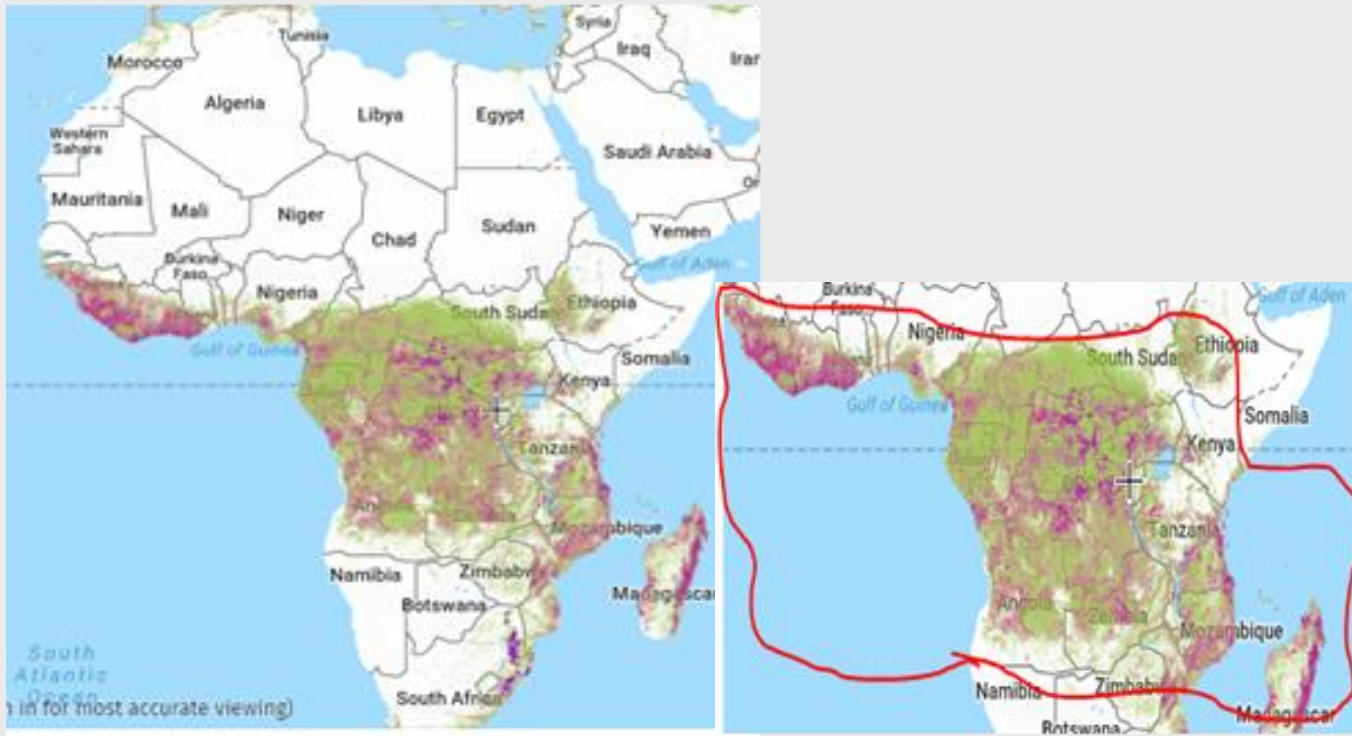


Fig 2: Tropical African region in Africa. (Green color: forest cover;  
Purple color: forest loss)  
Source: Global Forest Watch

# Findings & Discussion

- A loss over 30% canopy density of the virgin forests (figure 3)
- The **tree loss** is majorly attributed to **logging for timber and wood fuel** regarding the high demand for lumber and timber in the region and export market for the hard wood



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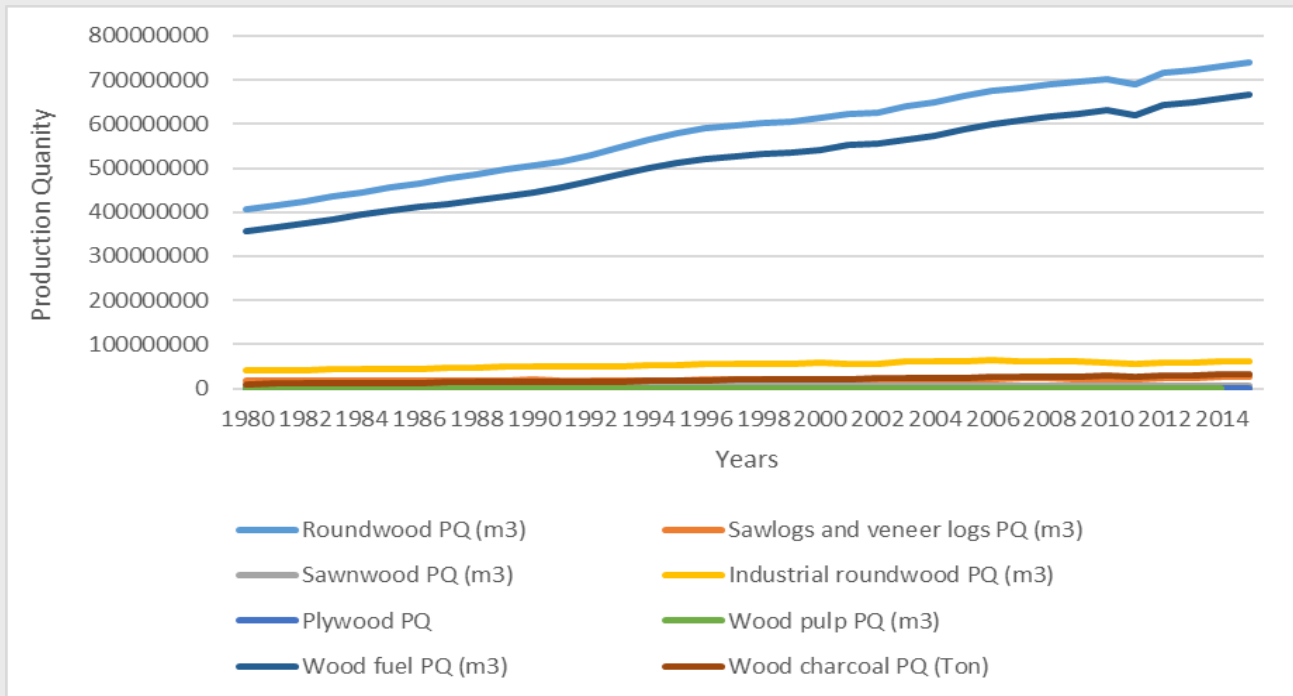


Fig 3: Source: Trend of production for the various wood products in Africa in general

Source: FAOSTAT, authors' analysis

# Findings & Discussion

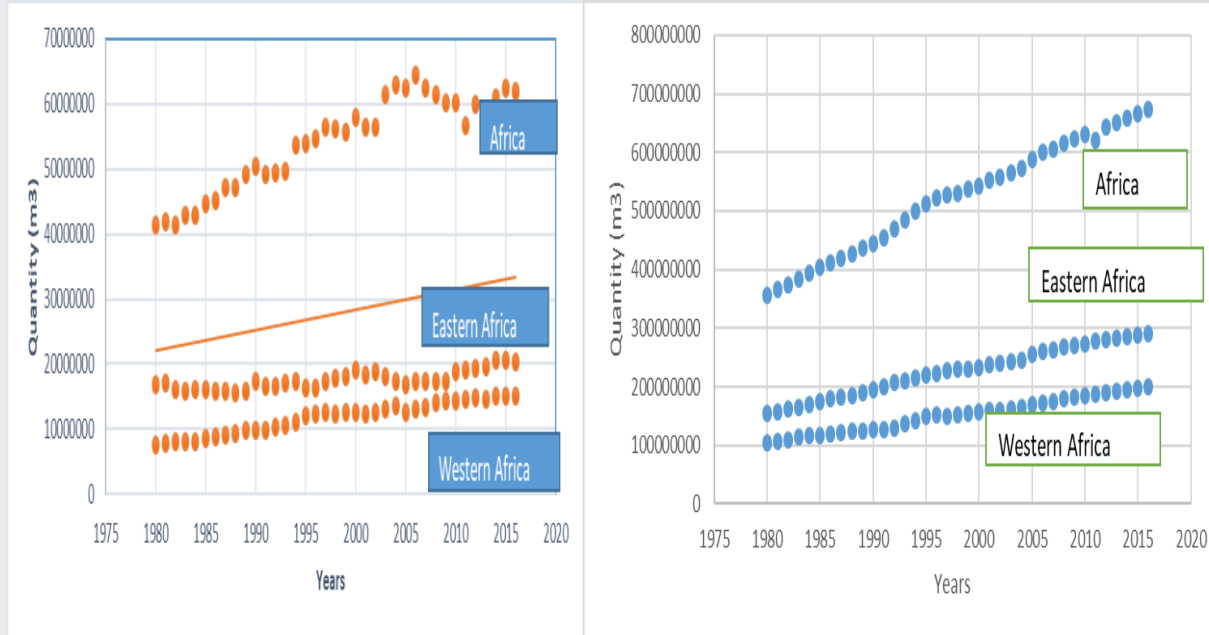


Fig 4: Industrial round wood, and wood fuel production 1980-2016 respectively.

Source: FAOSTAT, authors' analysis

# Findings & Discussion

Tropical rain forests are a victim of numerous factors;

- Logging and export
- Increasing population
- Limited energy alternatives on the block
- Weak government policies and interventions

Fig 5: Deforestation for Agriculture and settlement



# Conclusions & Recommendations

- Increasing **positive linear** and **worrying trend across** the major wood and timber products the tropical region of Africa
- mass deforestation & loss biodiversity
- TA governments ought to take natural forests seriously; **energy alternatives**, local communities **livelihood programs**, and **monitoring and reporting logging**



# Thank you



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