

16-years of fire related research in Niassa Special Reserve

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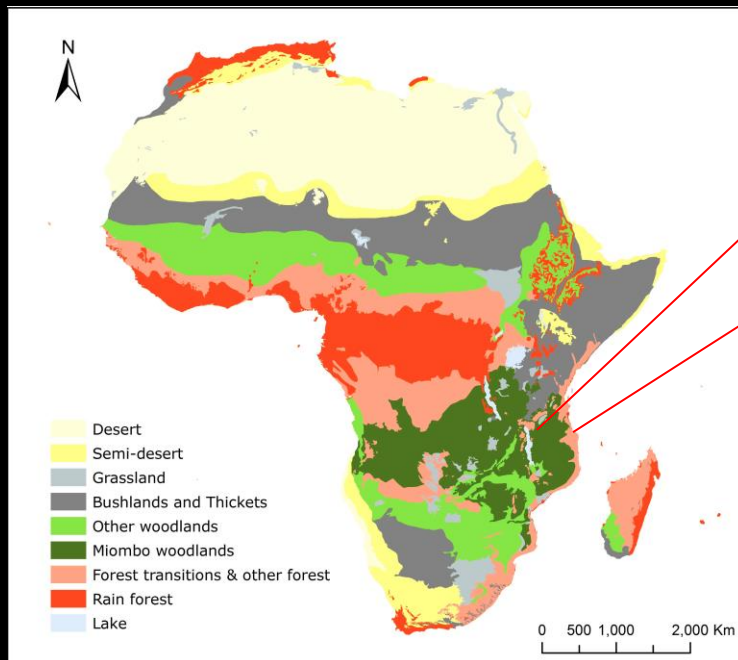
First Niassa Special Reserve Science Meeting and Miombo Network Meeting: from science to miombo woodlands management

Maputo, 3-4 June 2021

The beginning: How/why did it started?



Relevance of the miombo woodlands



- The largest dry forest ecosystem
- About 1.9 million km² in Southern Africa across 7 countries
- NSR is largest protected area of MW worldwide and represent 31% of the protected areas in Mozambique

Miombo Woodlands: ecologically and socially important

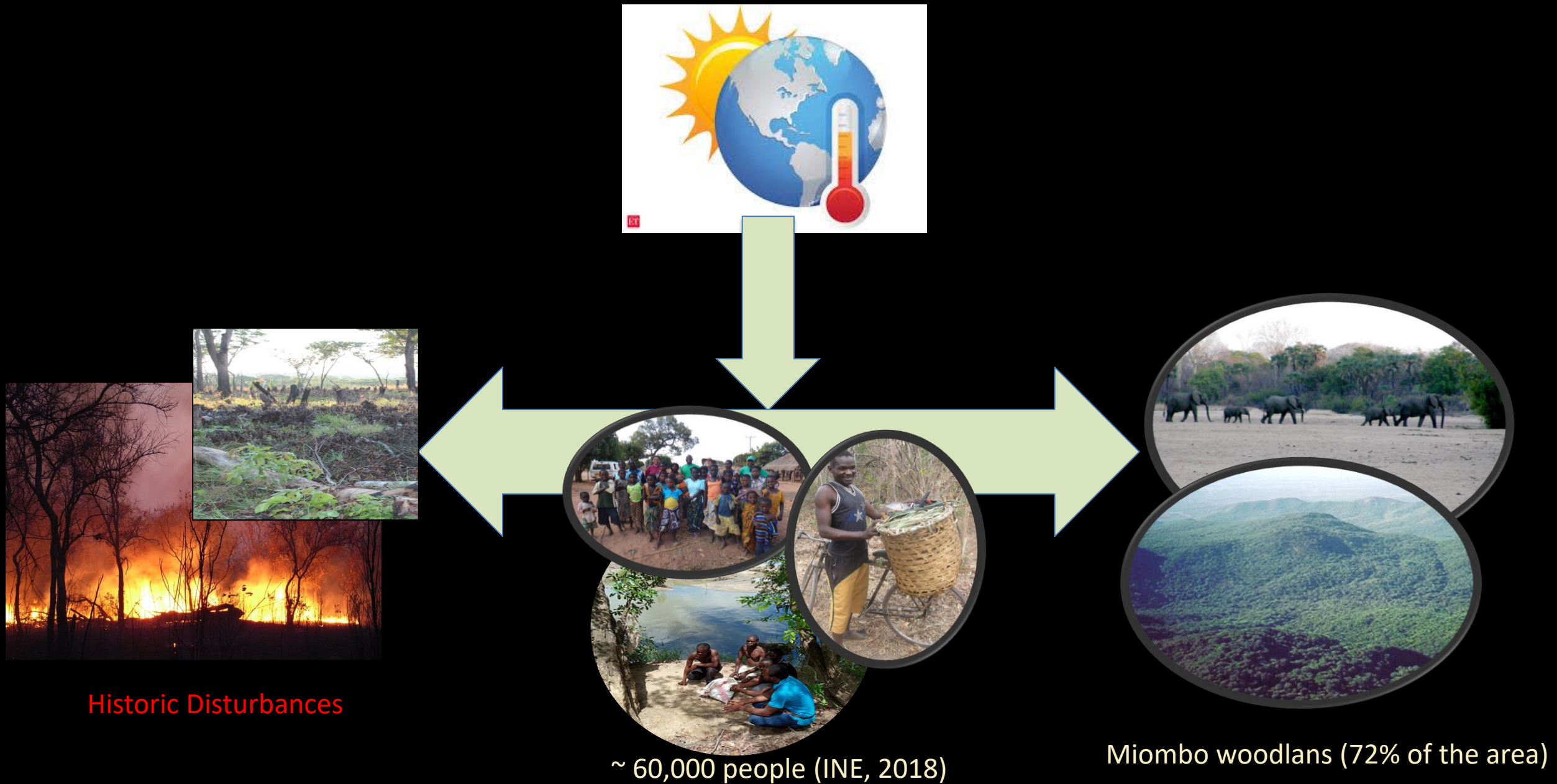
- about 8500 plant species, half are endemic of the region.
- dominated by: *Julbernardia globiflora*, *Brachystegia spp.* and *Isoberlinia angolensis*
- Frequent fires and other disturbances (herbivory, slash and burn)

Provide goods and services for 39 million rural people and 15 million urban dwellers

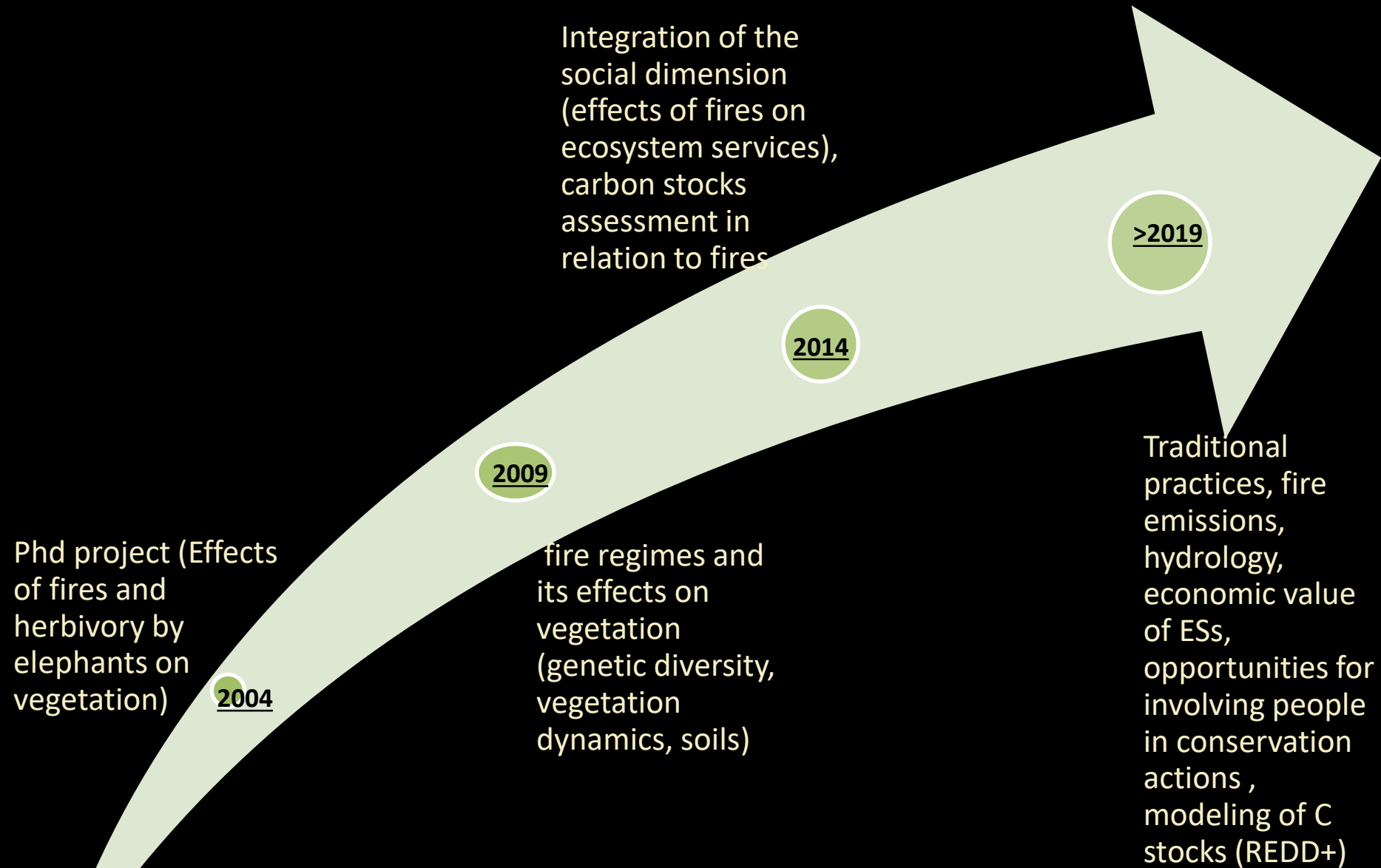
Intrinsic relationships between people and the woodlands



Niassa Special Reserve biodiversity value

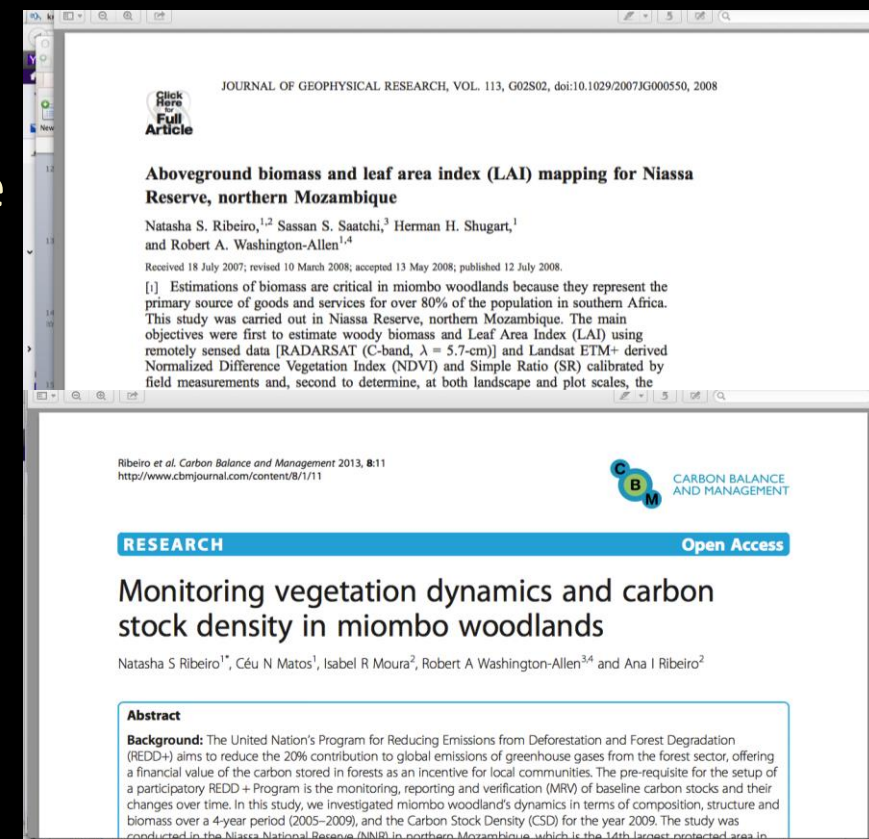


The evolution: from a research project to a research program



Main outputs

- Capacity building: 7 Phd students, >10 Msc. Students, > 6 BSc students and several young professionals.
- Scientific results: > 20 scientific papers and >30 conference presentations
- Scientific advise (extension): 4 policy briefs, Continued support to NSR (fire management , REDD+, management plan), this meeting



What does it take?





Strong partnerships (including students)



Ana Ribeiro

Hank Shugart

Romana Bandeira

Aires Banze

Iva Vaz

Remigio Nhamussua

Armenio Cangela

Ivete Maquia

Sassan Saatchi

Aniceto Chauque

Robert Swap

Tereza Alves

Camila Sousa

Robert Washington-

...many more

Candida Zita

Allen

Greg Okin

Laura Snook

Mbumba Marrufo



Fund raising



Enjoy the journey!





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