

PANTANAL MILLENNIUM - BRAZIL  
Federal University of Mato Grosso, UFMT  
Pantanal Research Centre, CPP



Environmental education, communication  
and art research group – GPEA  
<http://gpeaufmt.blogspot.com.br/>  
[michelesato@gmail.com](mailto:michelesato@gmail.com)



**São Pedro de Joselândia**

**MT - BRAZIL**





# PROVISION

fruits, oil,  
timber, fiber



# SUPPORT

photosynthesis, soil,  
water, plants



faith, values, aesthetic,  
art, education

# CULTURE

# REGULATION

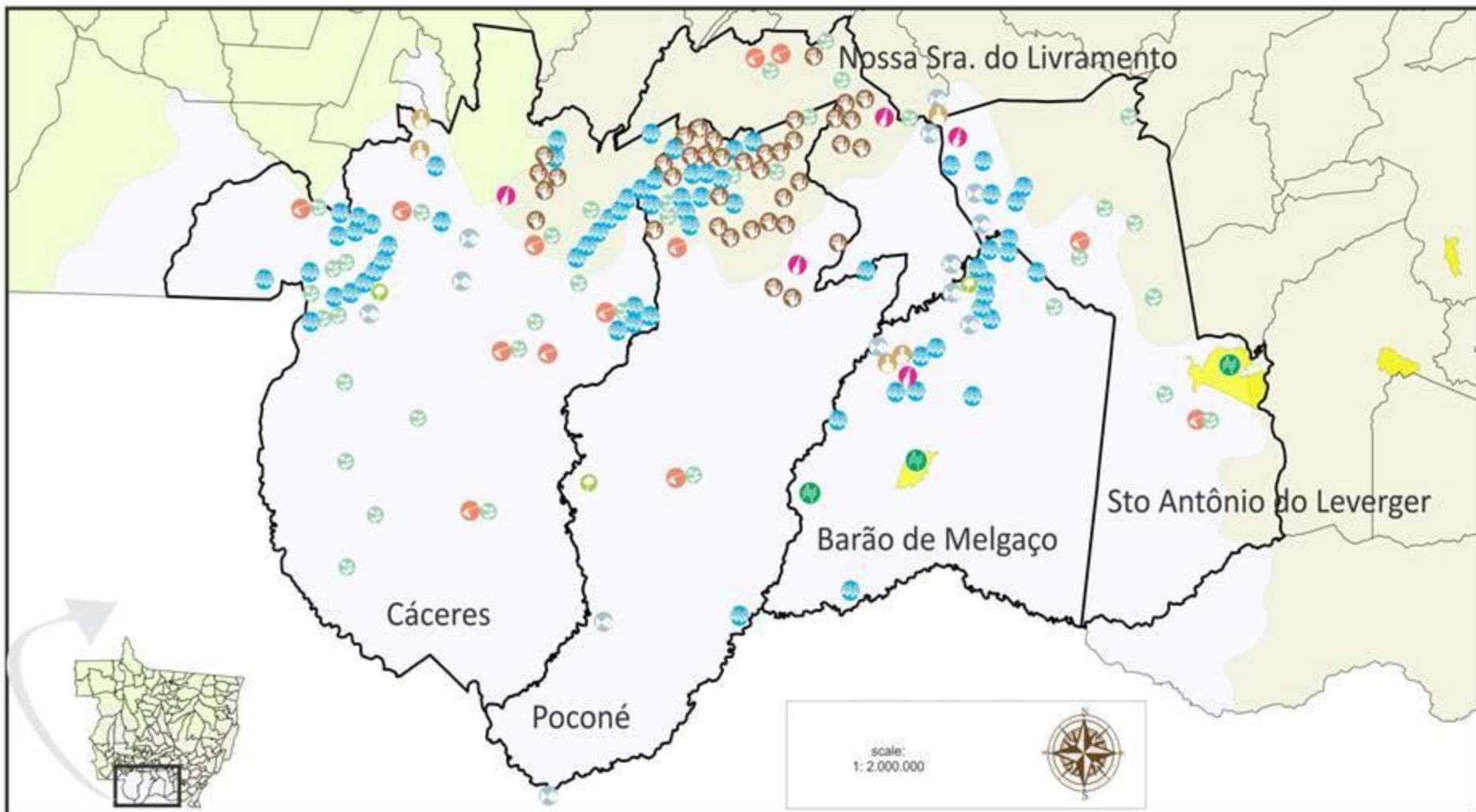
water protection, climate  
regulation, CO<sub>2</sub> in the atmosphere



Sato - Joselândia

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## LEGEND


### PROTECTED AREAS

 Indigenous Territory

### BIOMES

 Amazonia

 Cerrado

 Pantanal

## Social map of vulnerable groups of the Pantanal, Mato Grosso, Brasil

### SOCIAL GROUPS

 small family farmers

 settlers

 artisans

 river border inhabitants

 extractivist workers

 indigenous peoples

 groups of siriri and cururu

 pantanal's communities and peoples

 black descendant slave people

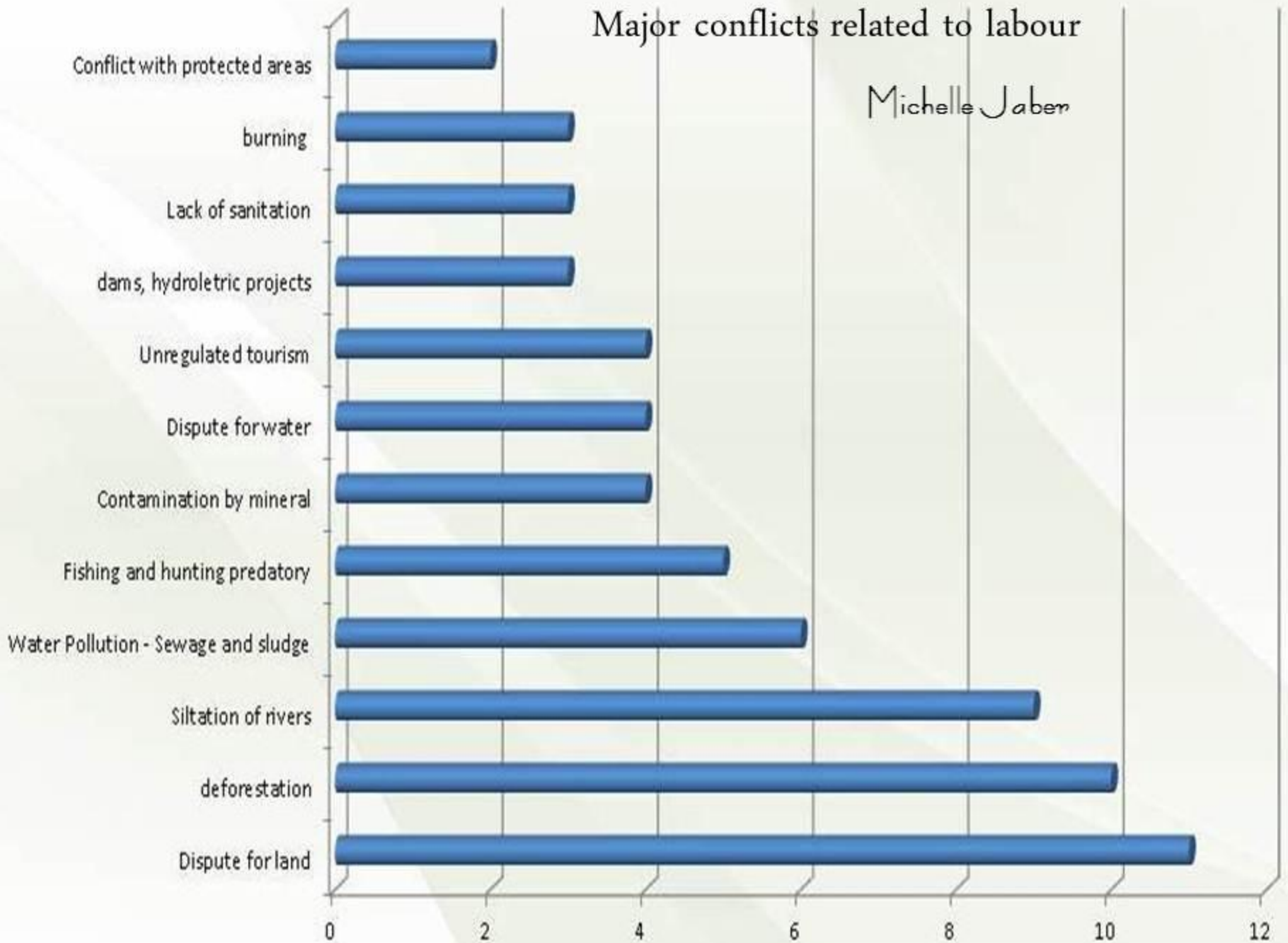
Regina Silva



Organization: R. Silva; M. Jaber, M. Sato, 2011.

# Major conflicts related to labour

Michelle Jaber



# STATE OF THE ART (AUGUST 2011-2012)



- *Vochysia sp* and other wood in the region
- Cotton grown
- Leather beef / cattle
- Bamboo (timber)
- Shelters / species storks nests, bees and frogs.

**Direct and Indirect relationship with provisioning, regulating, support services**

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# SOLIDARITY ECONOMY

Association (course)

Gender (human rights)

Popular labour's mapping





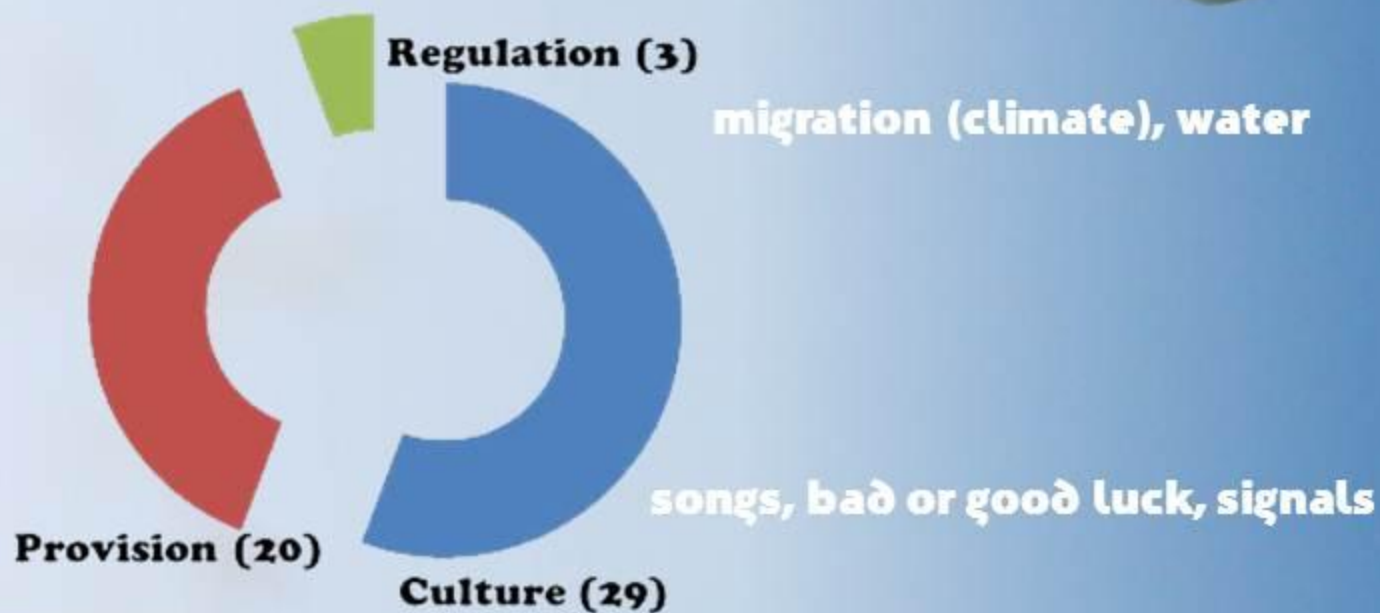


Quadros: canoe

**Canoe as mobility tool, but also as a sculpture!**  
**CULTURAL** expression of Pantanal's aesthetic

A handwritten signature in the bottom right corner.

# Traditional knowledge BIRDS



*Vochysia sp* - special law for traditional communities



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**FESTIVITIES: non hierarchical party of culture  
IDENTITY**



*Lúcia Kawahara*

**Local ecosystem services?  
Traditional or alternative economy?**



Samuel de Oliveira

## MUSICALITY

The culture tradition, taste and expression

“viola de cocho” and ecosystem service

*Vochysia sp*

**The enchanted being  
who protect the water and field**

**Faith, value and spirituality  
Natural and social phenomenon**

# CULTURAL SERVICES

# CONSTITUENTS OF WELL-BEING (Freedoms and actions)



**Cultural Identity**



**Cultural Heritage**



**Spiritual Services**



**Inspirational Services**



**Aesthetic Services**



**Recreation and  
Tourism**



**SECURITY**

**BASIC MATERIALS**

**HEALTH**

**SOCIAL RELATIONS**

- Strong correlation
- Medium correlation
- Weak correlation

***"If the structure does not  
permit dialogue***

***the structure must be  
changed"***

***~ Paulo Freire***

