

# Ecology of the Siamese Crocodile in Cat Tien National Park, Vietnam

Kristian Robert Pahl  
University of Bonn, Germany

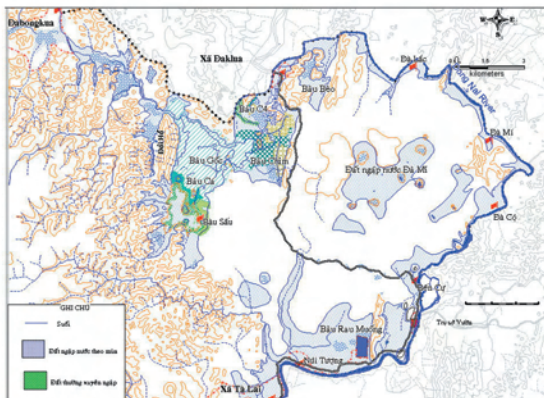
## Re-introduction Project in Cat Tien National Park

- Bau Sau wetlands
- Resident crocodile population hunted down by locals in 1980s and 1990s (last 1996)
- Re-introduction project launched between 1999-2004
- 60 adult crocodiles released in 5 events (F:M ratio = 2:1)
- First reproduction recorded in 2005
- Continuous breeding since then

## CTNP homepage

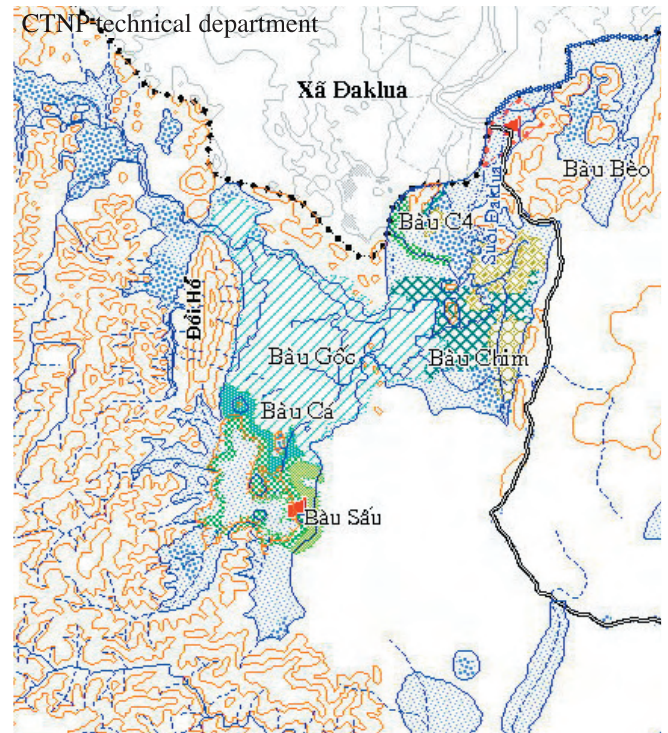


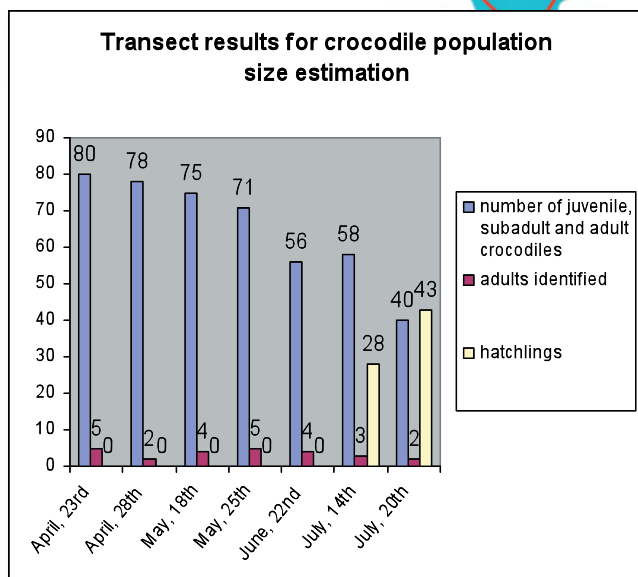
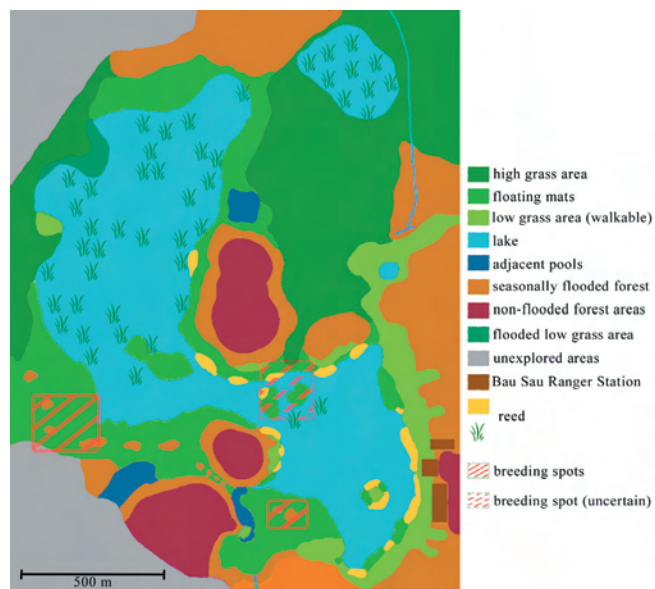
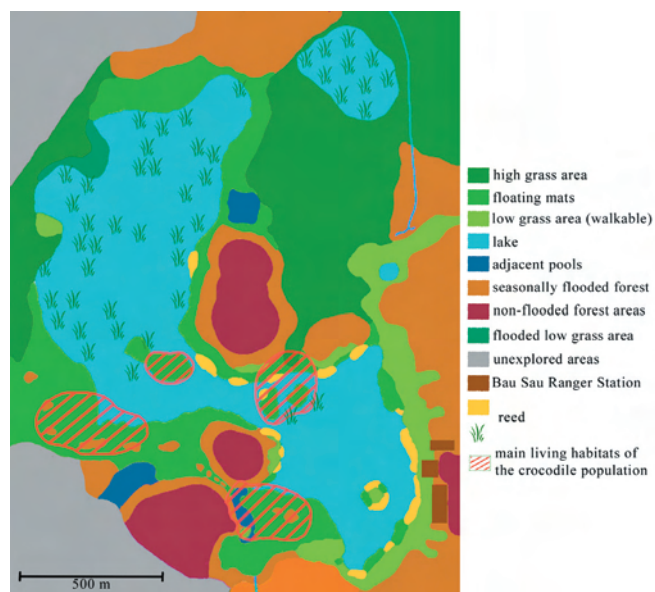
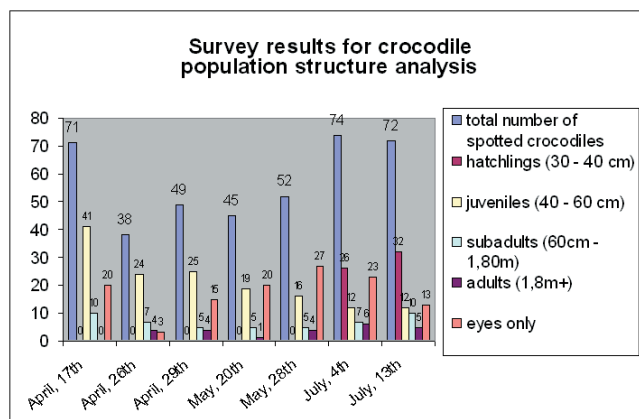
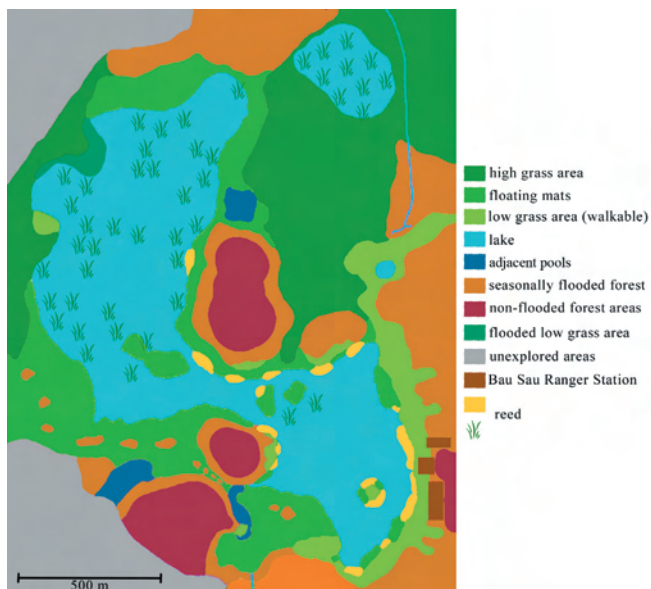
## CTNP technical department



## Results of the Population Analysis

- Young, healthy and stable core population (maximum 80 individuals)
- More than 50% juveniles
- Continuous breeding since 2005
- 2010: hatching of at least 3 nests
- Nests hard to access (floating mats)
- Most of the population concentrated in the small protected area





## Achievements and Problems of the National Park

### Achievements:

- Network of more than 10 ranger stations with over 250 rangers
- Setup of:
  - Endangered Primate Species Rescue Centre
  - Wildlife at Risk (WAR) Bear Reserve
  - French Global Environment Fund Wild Bovid Conservation Project
  - Siamese Crocodile Re-introduction Project (survival of a core population for over 10 years)
- Mr. Tran Van Thanh: very engaged, open and supporting Park Director

### Threats and Problems:

- Cat Tien National Park as a wildlife “Island”
- Illegal logging, fishing and poaching
  - More than 20,000 traps/year
  - Several hundred poachers/year (mostly locals but also larger professional and organized poacher gangs)
- Rangers mostly originated from local communities



- Invasive Species! (*Eichhornia crassipes*, *Mimosa pigra*)





Main threats for the crocodile population:

- Under current circumstances: survival of only a core population possible
- Extensive poaching
- Danger of contact with non-pure bred individuals
- Loss of the wetland site (planned construction of upstream dam)

#### Acknowledgements

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