

Caroline C. Ng'weno

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Gender: Female
Nationality: Kenyan



Education

- Doctoral student in Zoology and Physiology University of Wyoming.
- Moi University, Eldoret, Kenya. M Phil. Environmental Studies, Department of Biology and Health - September 2004 to December 2008.
- Maseno University, Kisumu, Kenya. Bachelor of Education Science Biology major and Geography minor (Second class honours upper division) - September 1999 to March, 2004.

Positions held

- Doctoral Student University of Wyoming; my dissertation research explores how cattle management can influence predator-prey interactions and the extent to which cattle management practices are compatible to long-term wildlife conservation.
- Research scientists and attachment students' coordinator, Ol Pejeta Conservancy (OPC). Since January, 2010 to date.
 - Acting Research Manager, Ol Pejeta Conservancy. As from March to December, 2009 (Awarded the Ecological Monitoring Department Employee of the year 2009 award).
 - Assistant Research Scientist, Ol Pejeta Conservancy (OPC). Since March, 2008.
 - Teacher Biology and Geography at High school level (2004 to 2005).

Publications and Publications in Progress

- Kipkorir S., Chessum K., Musungu M., Chepkok Kwonyike C., and **Ng'weno C.** (2011). Improving the participation of agro-pastoralists in Climate Change Adaptation and Disaster Risk Reduction

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Policy Formulation: A Case Study from Keiyo District, Kenya. In Filho W., Chapter 4; Experience

of Climate Change Adaptation in Africa. Page 55-68, Springer, DOI: 10.1007/978-3-642-22315

- Ng'weno, C., Mvasi, S and Kairu, J (2010), **Distribution, density and impact of invasive plants in Lake Nakuru National Park, Kenya. African Journal of Ecology, 48: 905 - 913.**

- **Ng'weno, C.** (2009). Capture of lelwel hartebeest (*Alcelaphus buselaphus lelwel*) from Solio ranch and post translocation monitoring in Ol Pejeta conservancy, Kenya. In Laikipia Wildlife forum Newsletter.

Fellowships and Short Courses attended

- March 2011: Communicating and Disseminating Research Results course, funded by the European Union and Tropical Biology Association, Nairobi, Kenya
- May 2010: 3rd Regional Scientific Conference on Climate Change and Natural Resource Use in Eastern Africa: Impacts, Adaptations and Mitigation, Nairobi, Kenya
- June 2009: Integrated Livestock-Predator Management course, funded by Howard Buffet Foundation and Cheetah Conservation Fund, Windhoek, Namibia
- January 2009: Geographic Information Systems (GIS) training course: GIS as a Tool for Strategic Biodiversity Conservation by the Ecological Society for Eastern Africa, Nairobi, Kenya
- March 2008: Earthwatch Fellowship, Darwin Initiative Capacity-Building course: Lakes, Wetlands and People in East Africa' Rift Valley David Harper, Arusha, Tanzania
- September 2005: Environmental Impact Assessment and Environmental Audit course, funded by University of Amsterdam and Moi University, Eldoret, Kenya

Professional interests

- Rangeland Ecology: Understanding the ecological interactions between wild and domestic ungulates in African arid ecosystems

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- Invasive species ecology with emphasis on ecosystem response to variations in both climate and disturbance regime (grazing, fire, flooding, tillage, cultivation, etc.). In addition models for spatial dynamics of invasions.
- Plant and animal population ecology, conservation & management

Membership in professional societies

- Organizing committee and Member of Korotiet community initiative CBO. Since 2009 to date
- Active member ecological society of Eastern Africa
- Member Society of conservation Biology

Current research areas at Ol Pejeta conservancy

At Ol Pejeta I am responsible for the provision of timely and accurate information on both biodiversity status and trends based on monitoring results in Ol Pejeta. I have also worked to bridge the gap between livestock production in Laikipia, Kenya (on which many locals in this region depend) and wildlife conservation (an alternative source of revenue; tourism). After three years of working at Ol Pejeta, I was nominated to undertake a graduate program in Zoology at the University of Wyoming in the United States.

References:

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Biology
Technology

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