

CURRICULUM VITÆ MARIYA DEREN

- Name** Deren, Mariya
Work Address Center for Humans and Nature
109 West 77th Street, Suite 2,
New York, NY 10024
Telephone 212-362-7170
E-Mail mariyaderen@humansandnature.org
- Qualifications**
- M.S. Environment & Resource Management, Specialization: Agro-forestry in developing countries, Free University of Amsterdam, The Netherlands, 2005-2006
 - Graduate Certificate in Conservation Biology and Environmental Policy, Columbia University, 2005
 - B. S. Biochemistry with Departmental Honours and Cum Laude, SUNY Stony Brook, 1998-2002
- Study Abroad "Università La Sapienza:" Italian history and literature, Rome, Italy, 2000-2001
- Published and Unpublished Project and Research Work**
- Master's Thesis: "Local Adaptation Strategies to Land Degradation: Case Study of Rwoho, Uganda." A fieldwork project studying agro-forestry initiatives as a strategy to combating land degradation. Unpublished, 2006
 - "Ethical and Human Issues in Contemporary Agriculture" Common Ground Conference: The International Journal of the Humanities, Vol. 2, No.3 article # HC04-0220-2004, August 2005
 - FAO of the UN internship report: "Comparing Weed Control Methods in Conventional and Conservation Agricultures and their Impact on the Environment" Unpublished, 2002
 - Contributed to a report: "Agricultural Biotechnology for Developing Countries" FAO of the UN working paper, 2001
 - Bachelor's honours thesis: "The Role of pg69/64 Glycoprotein as a Sperm-Binding Receptor on the Surface of the Vitelline Envelope of *Xenopus laevis*." Unpublished, 2002
- Professional Experience**
- Employer:** Center for Humans and Nature, New York, NY
Dates: November 2006 to Present
Field of Employment: Environmental Non-for-Profit Organization
Position: Administrative and Project Coordinator
Main Responsibilities: Work with the Center's President and Director on implementing and administration of programs in the New York area
- Helped coordinate "Hudson River Watershed: Shared Landscapes and Civic Responsibilities" Project
 - Helped coordinate "Humans, Nature, and Democracy" biannual conference series
 - Executive assistant, office administration
- Job Location:** New York , NY
- Employer:** Center for International Cooperation, Free University of Amsterdam and Ministry of Agriculture, Animal Industries, and Fisheries, Uganda
Dates: April 2006 to August 2006
Field of Employment: Agricultural Development, Research
Position: Researcher-Intern, Full time
Main Responsibilities: Conducted a preliminary evaluation of a local agro-forestry initiative in a small village located in the drylands of Uganda for a project "Stimulating Community Initiatives in Sustainable Land Management"
- Undertook extensive research of land degradation and local adaptation strategies
 - Assessed the situation of soil and water degradation using participatory rural appraisal methods, questionnaires, semi-structured interviews, and focus group discussions
 - Advised on the collaborative forest management plan in the area by analyzing stakeholders and encouraging discussion
 - Examined soil quality by collecting soil samples; analyzed impact of eucalyptus and pine trees on water quality and quantity, soil nutrients, and socio-economic costs and benefits
- Job Location:** Amsterdam, The Netherlands; Kampala and Ntungamo region, Uganda
- Employer:** Institute for Cancer Genetics, Columbia University, New York, NY
Dates: January 2004-June 2005
Field of Employment: University Medical Center

Position: Research Assistant
Main Responsibilities: Supported research using mouse models for Lymphoma cancer therapy studies

- Developed and screened transgenic mice using PCR and Southern Blotting
- Lab logistics: supply management, radiation safety monitoring, trained new staff in lab techniques

Job Location: New York, NY

Employer: Land and Water Department, Food and Agriculture Organization of the United Nations, Rome, Italy
Date: June 2002-August 2002
Field of Employment: International Non Governmental Organization, Hunger Relief, Rural Development
Position: Intern
Main Responsibilities: Researched the effects of various herbicides on soil biology under conventional and conservation agriculture systems

- Reviewed and compiled studies on the effectiveness of conservation agriculture practices such as: terracing, mulching, cover crops, integrated pest management, irrigation techniques, water conservation methods, pesticide application, manure compost in arid climates

Job Location: Rome, Italy

Employer: Working Group on Biotechnology, Food and Agriculture Organization of the United Nations, Rome, Italy
Dates: June 2001-August 2001
Field of Employment: International Non Governmental Organization, Hunger Relief, Rural Development
Position: Intern
Main Responsibilities: Developed and updated an inventory on biotechnological products used in developing countries for agricultural practices
Job Location: Rome, Italy

Employer: Long Island Group Advancing Science Education, SUNY Stony Brook
Dates: September 2001-December 2003
Field of Employment: University, Teaching
Position: Teacher's Assistant and Lab Technician
Main Responsibilities: Trained high school students in experiments with bacterial transformation including agarose and SDS gel electrophoresis techniques, experimental design, quality control techniques
Job Location: Stony Brook, New York

Employer: Biochemistry and Cell Biology Department, SUNY Stony Brook
Dates: June 2002 to November 2002
Field of Employment: University Research
Position: Research Assistant
Main Responsibilities: Analyzed the function of a egg surface protein in amphibian reproduction using dissection, tissue preparation, protein isolation, bacterial and cell culture, western blotting
Job Location: Stony Brook, New York