

Global Resource Systems Senior Projects

AGRONOMY

Modernizing Seed Production to Increase Farmer's Income in the Kyrgyz Republic
Adoption and Effects of No-till Farming in Uruguay
Linking Maize Biodiversity to Value Chains in the Western Highlands of Guatemala

ANIMAL ECOLOGY

Budungo Conservation Field Station: Efforts to Protect the Sonso Chimpanzees
Conservation of Mammalian Biodiversity in Australia
Anthropogenic Effects on Jaguar Habitat Use and Population Demographics in Central America and Range-wide

ANIMAL SCIENCE

Characterization of Poultry Practices Using Insects as a Feed Ingredient in Kamuli, Uganda
How Animal Welfare in Europe correlates with the Food Supply Chain
Beef Production in Transition: Driving Factors and their Public Health Implications

ECONOMICS, AG BUSINESS

Modernizing U.S. International Food Aid Programs
Effects of Shadow Banking in China
Private Voluntary Standards in the Global Agri-Food System

EDUCATION

Cambodia's Educational System: How Agriculture Education Methods can be Applied to Improve Teaching and Learning Conditions
Giving Youth a Voice: IAAS Training about the Food and Agriculture Organization of the UN
Comparing Challenges in International Student Exchange in North America (Canada, the United States, Mexico) and Europe

ENGINEERING

Hermetic Seal for Postconsumer Silos
Designing a Low-Cost biogas pressurizing System in Nicaragua
Current Solutions to the World's Current and Future Potable Water Access Problems

EMERGING GLOBAL DISEASES

Factors Affecting HIV Prevalence Rates in South Africa
Assessing Causes and Spread of Drug-resistant Tuberculosis in Megacities of India
Malaria Incidences and Prevention among Children 0-5 Years of Age in Kamuli District, Uganda

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ENVIRONMENTAL SCIENCE AND STUDIES

Using Permaculture Principles to Build Regenerative Communities in Nicaragua
Agroforestry in Central America: A Comparison of Gliricidia, Leucaena and Inga Species for Application in Alley Cropping Systems
Urban Watershed Management for the City of Shenyang, Liaoning, China

GENDER

The Impact of Human Trafficking in Thailand with Emphasis on the Northern Hill Tribes
Establishing a Women's Shelter in the Department of Rivas, Nicaragua, to Empower and protect victims of Gender-Based Violence
Women's Rights in a Changing Afghanistan

HEALTH

Barriers to Childhood Immunization in Sub-Saharan Africa and Strategies to Improve Immunization Rates
Health and Nutrition of School Children in Rural Panama and Uganda
Aflatoxin Contamination in Groundnut: Determining Awareness of the Effects on Human Health, Insights from Ayyavaripalli village

HORTICULTURE

An Evaluation of Horticultural Techniques to Protect the Galapagos Islands from Invasive Plant Species
Using Sack Gardens to Enhance Vegetable Consumption by Ugandan Primary School Children
Effects of Soil Depth on Vegetables Grown on a Green Roof in Lima, Peru

NUTRITION AND DIETETICS

Increasing Community Participation in India's National Child Nutrition Program
Malnutrition in Rural Indigenous communities in Argentina
Improving Vitamin A Deficiency Through Chicken Egg Consumption in Tanzania

SOCIOLOGY, AGRICULTURE AND SOCIETY

Social and Cultural Factors that Influence Responses to Surveys Completed in Trujillo, Peru
Envisioning a United Anglo-Latino Community
An Analysis of Immigration and the Banlieues in France
Integrating Indigenous Knowledge into Community Based Disaster Management in Jamaica