

Capacity Development for Forest Landscape Restoration



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ICRAF/IRRI & VSU-ITEEM

Yale SCHOOL OF FORESTRY &
ENVIRONMENTAL STUDIES



ELTI's Mission



We train and support people from all sectors and backgrounds to restore and conserve tropical forest landscapes using strategies that support biodiversity and livelihoods

Capacity development



- “FLR is more than planting trees”
- Dissemination of tools for FLR planning at national & regional/provincial level
- Strengthen organizations and individuals ability to engage with FLR at local level
- An array of social, technical, & management skills needed

Our Programs



- A. **Online Training** - intensive, internet-based learning
- B. **Field Training** - hands on learning

A. Online Training Program





Self-paced course over 2-6 weeks long, requiring 10 hours per week of work, with significant interaction with instructors & facilitators

- **Connect** with scholars, practitioners working on applied initiatives in the tropics
- **Learn** how to design, implement effective, inclusive restoration policies, initiatives

Diversity of Lectures & Case Studies

Case Study: Reforestation and Health in West Kalimantan, Indonesia

Case Study: Reforestation and Health, Alam Sehat Lestari (ASRI)
West Kalimantan, Indonesia




Prepared by: Erica Pohnan, Conservation Manager, Alam Sehat Lestari
Dr. Campbell Webb, Advisor, Alam Sehat Lestari
Adapted by: Anna Finkle, Environmental Leadership & Training Initiative, Yale School of Forestry & Environmental Studies

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elti Environmental Leadership & Training Initiative



Mark Ashton, Ph.D.
School of Forestry and Environmental Studies, Yale University, United States

Introduction to Disturbance, Regeneration, and Succession of Tropical Forests



Presented by: Mark Ashton
Developed by: Mark Ashton and Gillian Bloomfield

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Ange Imanishimwe, M.Sc.
President & Founder, BIOCOOP Rwanda
Top Young Innovator of Rwanda, 2012



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Case Study: Forest Rehabilitation in Old Pine Plantations in Sri Lanka

Case Study: Forest Rehabilitation in Old Pine Plantations in Sri Lanka
Peradeniya, Sri Lanka



Written by: Mark Ashton, Yale School of Forestry & Environmental Studies, USA;
Nimal Gunatilleke and Savitri Gunatilleke, Department of Botany, Faculty of Science, University of Peradeniya, Sri Lanka.
Adapted by: Gillian Bloomfield, Environmental Leadership and Training Initiative, Yale University, USA.

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ELTI Online Courses to Date

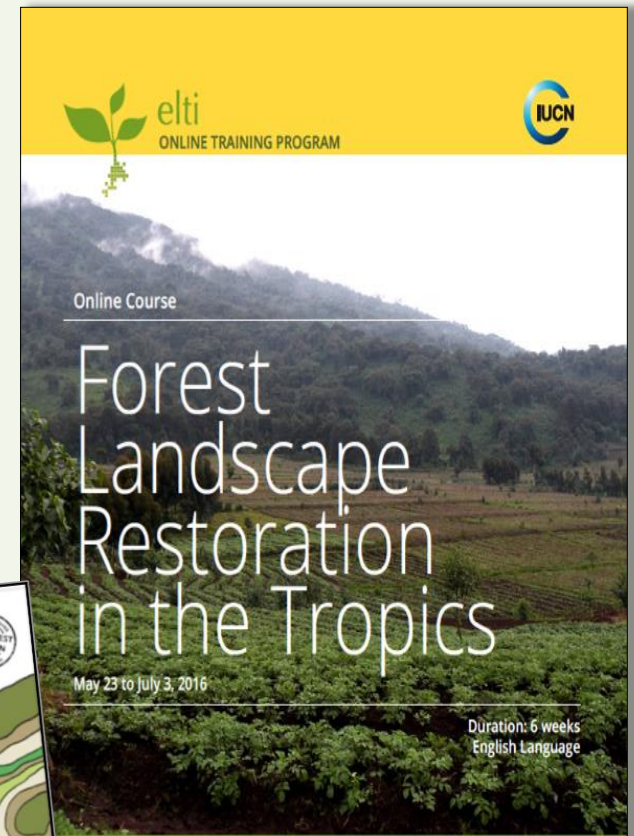
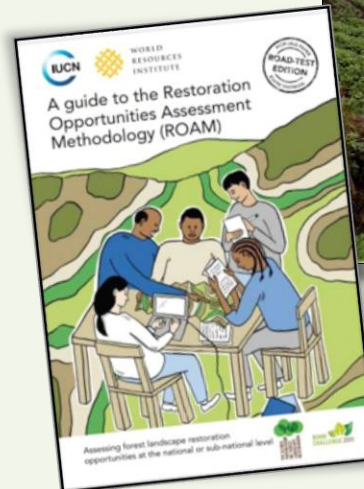
- Tropical Forest Restoration in Human Dominated Landscapes
- Community and Stakeholder Engagement in the Conservation, Restoration and Management of Tropical Forest Landscapes



ELTI-IUCN Online Course

FLR in the Tropics:

- May 2016 - March 2017
- 6 online courses on FLR
 - English – Anglophone Africa
 - French – Francophone Africa
 - Portuguese – Mozambique + Brazil
 - English – Asia
 - Spanish – Latin America
- Applied ROAM planning document output



Number of leaders trained from each country



125
LEADERS TRAINED

32
COUNTRIES

70
ORGANIZATIONS

ELTI-IUCN-NEPAD Blended Courses



FLR & ROAM

- January – March 2018
- Blended courses in 6 countries in Africa
 - Two-week online “primer” course
 - Four-day in-country workshop

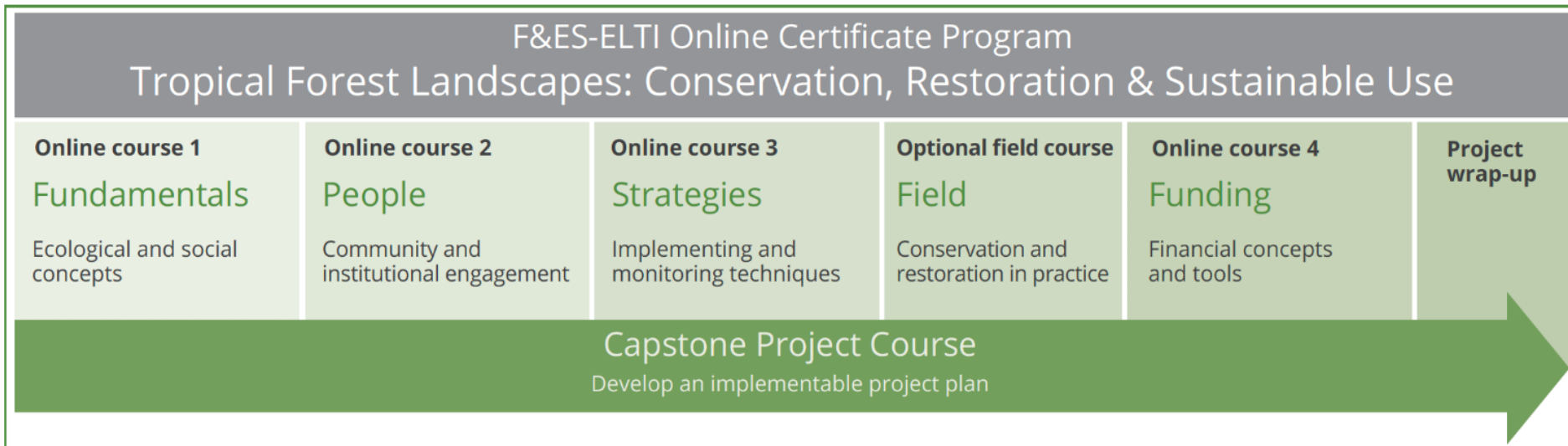
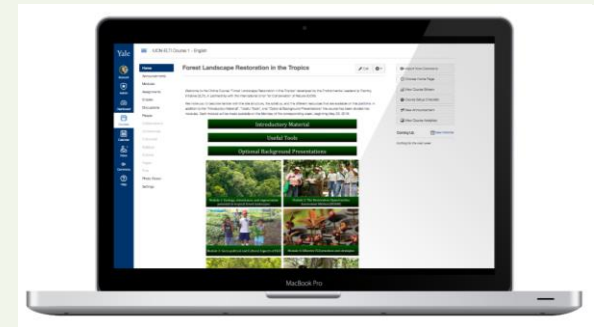


Online Certificate Program

Tropical Forest Landscapes: Conservation, Restoration & Sustainable Use

Scope: A one-year program on the social, ecological and funding aspects of managing tropical forest landscapes

- Dates: June 3, 2019 to May 5, 2020



B. Field Training Program



Courses often held at a network of focal training landscapes

- Rich land use history, context representing multiple social values
- History of scientific research, applied projects
- Curricula, training materials on a range of themes for different audiences



Conventional cattle ranching
Colombia, Panama



Sugarcane production
Brazil

Multiple Use, Mosaic Tropical Forest Landscapes



Coal mining
Indonesia



Rice and Coconut Production
Philippines

Silvopastoral Systems
Restoration
Rainforestation
Woodlots
Reforestation
Riparian Corridors
Afforestation
Tree Planting
Timber Plantations
Forest Landscape Restoration
Permaculture
Forest Restoration
Forest Regrowth
Native Timber Plantations
Enrichment Plantings
Natural Regeneration
Forest Transition
Secondary Forests
Living Fences
Windbreaks
Ecological Restoration
Re-greening
Biodiversity Corridors
Assisted Natural Regeneration
Connectivity Corridors
Agroforestry Systems
Mixed Species Plantations
Native Species Plantations
Species Enrichment Plantings

Philippines

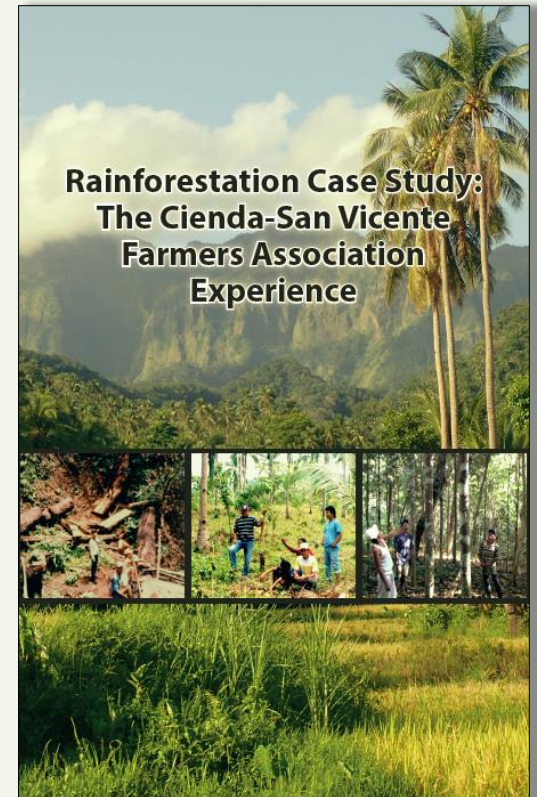


Rainforestation

- Initiated by Visayas State University & GTZ in early 1990s
- Approach to integrate native species in production, protection, and urban systems
- Series of demonstration sites developed with communities and private landholders across Leyte

Cienda

- Started off as a 1-hectare Rainforestation site in 1996
- Social preparation:
 - registration of PO
 - distribution of benefits
 - family approach
 - early benefits from crops, fruit trees, and fuel wood
- 2,236 ha CBFMA issued in 2000
 - Measures to control illegal logging
 - 150+ hectares additional Rainforestation sites
- Seedlings as a major source of income
- Awards: Best CBFMA Holder in 2005 & 2010



Case study available

National Training of Trainers



- Regional clusters (Luzon, Visayas, Mindanao)
- Specific groups: DENR PASU, EDC Watershed Managers, PFEN
- 174 Trainers across the Philippines

Rain Forest Restoration Initiative

- Voluntary network of NGOs, foundations, companies, and universities interested in promoting Rainforestation
- Coordinate advocacy, technical capacity building, and site implementation



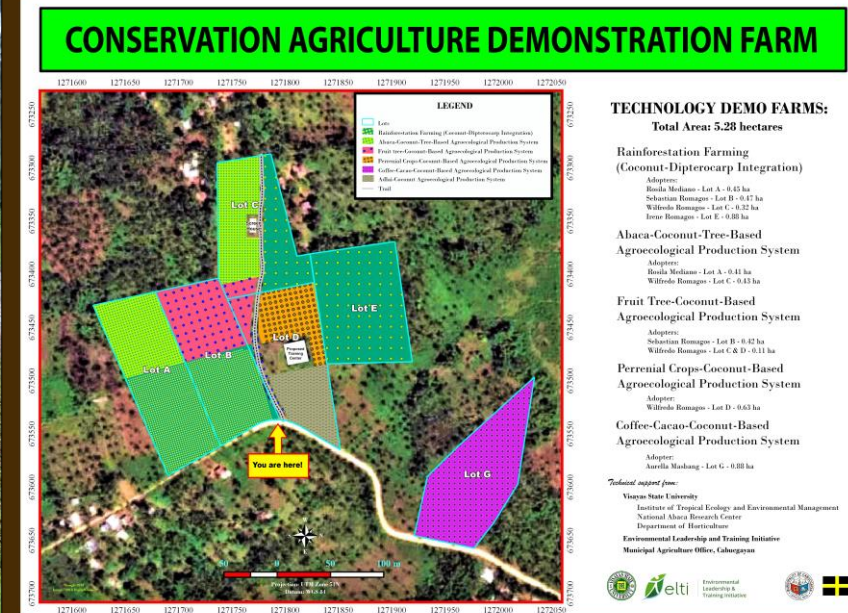
Local Site Development



Working with local LGUs, POs, & private land owners to develop RF sites (climate-resilient recovery)

- Leyte: Villaba, Hindang, Inopacan
- Eastern Samar: Salcedo & Guiuan
- Biliran: Cabucgayan, Naval
- Northern Samar: Palapag

Cabucgayan, Biliran



- MOU with the municipal government
- 6 hectare demonstration farm developed with various mixes of native trees under coconut and coffee, cacao, abaca
- DSWD is replicating approach in 7 local barangay, totaling 51 hectare

Moving Forward



RESTORATION INITIATIVE
FOR SUSTAINABLE ECOSYSTEMS

- Establishment of a new NGO in the Philippines
- Administratively more flexible institution with access to local & international funding opportunities
- Broaden focus to broader landscape (agriculture, forestry, grazing, mangroves)

Thank you!

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