

International Conference on Forest Landscape Restoration under Global Change

A CONTRIBUTION TO THE IMPLEMENTATION OF THE BONN CHALLENGE
“Synthesising and sharing globally available forest-related scientific knowledge”

San Juan, Puerto Rico, 6-9 June 2017

Programme

- 5 June: Early Arrival Icebreaker, 7:00-9:00 p.m. at Condado Palm Inn & Suites
- 6 to 7 June: Knowledge-sharing workshop “Translating global FLR policy into local action”
- 8 June: Knowledge-sharing workshop (Field trip)
- 9 June: Ministerial-level dialogue: “Shaping policy for FLR implementation”

Knowledge-sharing Workshop “Translating global FLR policy into local action”

Venue: International Institute of Tropical Forestry
 1201 Calle Ceiba, Jardín Botánico Sur, San Juan, PR 00926-1119
<https://www.fs.usda.gov/iitf>

DAY 1	Time	Subject	Responsible
6 June 2017	08:00-08:30	Depart Condado Palm Hotel to International Institute of Tropical Forestry (IITF), USDA Forest Service	
	08:30-09:00	Registration	Workshop Organisers
		<u>OPENING OF THE WORKSHOP</u> <i>Moderator: Andreas Bolte, von Thünen Institute</i>	
	09:00-09:30	<ul style="list-style-type: none"> • Welcome and opening remarks by Host Organisations 	Leslie Weldon, US Forest Service; Horst Freiberg, BMUB; Ariel Lugo, International Institute of Tropical Forestry (IITF); John Parrotta, IUFRO (Vice President)
	09:30-10:00	<ul style="list-style-type: none"> • Keynote Address: Integrated Landscape Approaches for FLR Implementation 	Jose Campos, Costa Rica
		<u>LONG-TERM EXPERIENCE OF LANDSCAPE RESTORATION</u> <i>Key message: As history has shown, FLR needs to be conceptualised as long-term undertaking, in order to yield sustainable outcomes. (15 min. each)</i> <i>Moderator: Bastiaan Louman, CATIE</i>	
	10:00-11:00		

6 June 2017		<ul style="list-style-type: none"> Integration of reforestation policy in Korea 	Yeo-Chang Youn, Seoul national University, Republic of Korea
		<ul style="list-style-type: none"> Contribution of plantations to restoration of biodiversity 	John Parrotta, US Forest Service, US
		<ul style="list-style-type: none"> Costa Rica 	Bryan Finegan, CATIE, Costa Rica
		<u>Audience Q&A and Discussions</u>	
	11:00-11:30	Tea/Coffee Break	
	11:30-13:00	<u>GOVERNANCE AND FOREST LANDSCAPE RESTORATION</u>	
		<p><i>Key message: Unleashing large-scale FLR implementation requires changes to policy frameworks, tenure systems and institutional arrangements. (15 min. each)</i></p> <p><i>Moderator: Sabine Reinecke, University Freiburg</i></p>	
		<ul style="list-style-type: none"> Why is governance important for FLR implementation? 	Stephanie Mansourian, Consultant, Switzerland
		<ul style="list-style-type: none"> Initiative 20x20: a country-led effort to change the dynamics of land degradation in Latin America and the Caribbean 	Rene Zamora, World Resources Institute, US
		<ul style="list-style-type: none"> Land tenure / access to land (Ghana) 	Ernest Foli, Forest Research Institute of Ghana
		<ul style="list-style-type: none"> Institutional arrangement (Atlantic Forest Pact) 	Severino Pinto, Centro de Pesquisas Ambientais do Nordeste/CEPAN, Brazil
		<u>Audience Q&A and Discussions</u>	
	13:00-14:00	Lunch	
	14:00-15:15	<u>FLR PROJECT PLANNING AND MONITORING</u>	
		<p><i>Key message: Structuring and organising FLR processes at the national and local levels including effective evaluation require adequate planning and monitoring tools. Existing tools need to be adapted to support FLR implementation. (15 min. each)</i></p> <p><i>Moderator: Michael Kleine, IUFRO</i></p>	
		<ul style="list-style-type: none"> National-level planning tools (ROAM & Bonn Challenge Barometer) 	Chetan Kumar, IUCN, US
		<ul style="list-style-type: none"> Local-level FLR planning 	Promode Kant, Institute of Green Economy, India
		<ul style="list-style-type: none"> Towards harmonized and cost-effective monitoring frameworks for FLR 	Faustine Zoveda, FAO, Italy
		<ul style="list-style-type: none"> Linking the global with the local: Participatory monitoring and forest restoration 	Manuel Guariguata, CIFOR, Peru
		<u>Audience Q&A and Discussions</u>	

6 June 2017	15:15-17:00	GETTING STARTED WITH RESTORATION	
		<p><i>Key message: Beginning the implementation of a FLR project is a process of turning goals into clear and measurable objectives and actions, including understanding what feasible interventions in the target landscape are. (15 min. each)</i></p> <p><i>Moderator: Shira Yoffe, US Forest Service</i></p>	
		<ul style="list-style-type: none"> Enhancing the role of natural regeneration in large-scale forest and landscape restoration 	Robin Chazdon, World Resources Institute / University of Connecticut, US
		<ul style="list-style-type: none"> Framework species approach to restoring tropical forests 	Stephen Elliott, Chang Mai University, Thailand
		<ul style="list-style-type: none"> Factors that affect uptake of tree conservation and planting in agricultural farms in Costa Rica 	Bastiaan Louman, CATIE, Costa Rica
		<ul style="list-style-type: none"> Integrating trees in agricultural landscapes with agroforestry 	Lars Graudal, ICRAF, Kenya; and University of Copenhagen, Denmark
		<ul style="list-style-type: none"> Forest recovery after agriculture in Puerto Rico 	Ariel Lugo, IITF, Puerto Rico
	16:30-17:00	Audience Q&A and Discussions	
	17:00-18:00	<p>FLR IMPLEMENTATION APPROACHES <i>Poster Session with presentations and audience Q&A. Examples of FLR implementation approaches from various regions. Mix of presentations (2-3 minutes each) and moderated discussion.</i></p> <p><i>Moderator: John Stanturf, US Forest Service</i></p>	
		<ul style="list-style-type: none"> Underplanting Chilean Nothofagus 	Pablo Donoso, Universidad Austral de Chile
		<ul style="list-style-type: none"> Manipulating agricultural watershed hydrology with short tree phases 	Richard Harper, Murdoch University, Australia
		<ul style="list-style-type: none"> Analysis of forest ecosystem restoration on post-mine oil-shale quarries 	Diana Laarmann, Estonian University of Life Sciences
		<ul style="list-style-type: none"> Lake Chilwa, Malawi 	Steve Makungwa, Lilongwe University of Agriculture and Natural Resources, Malawi
		<ul style="list-style-type: none"> Mt. Fuji reforestation project: Corporate social responsibility on ecological forest restoration in conifer plantations in Japan 	Takuo Nagaike, Yamanashi Forest Research Institute, Japan
		<ul style="list-style-type: none"> Restoring moist tropical forests 	Cesar Sabogal, Peru
		<ul style="list-style-type: none"> Cluster planting as a lower cost alternative 	Somidh Saha, University of Freiburg, Germany
		<ul style="list-style-type: none"> Agroforestry for FLR in central Asia 	Niels Thevs, University of Central Asia, Kyrgyzstan
		<ul style="list-style-type: none"> FLR in West Africa through community forestry: Keys to success 	Susan Charnley, US Forest Service, US
	18:00-20:00	<p>Dinner on site & Launching of an IUFRO Publication:</p> <p>"Implementing Forest Landscape Restoration. A Practitioner's Guide"</p>	
	20:00	Return to Condado Palm Hotel	

DAY 2	Time	Subject	Responsible
7 June 2017	08:00	Depart Condado Palm Hotel to International Institute of Tropical Forestry	
	08:30-10:15	<u>FLR IMPLEMENTATION APPROACHES</u> <i>Key message: A wealth of knowledge and experiences on technical and socio-economic aspects of restoring forests and landscapes has been accumulated over time. Understanding and applying this knowledge will help to fast-track large-scale FLR implementation.</i> <i>Moderator: Jorge Quesada, El Salvador Ministry of Environment</i>	
		<ul style="list-style-type: none"> Rehabilitation of degraded land with native tree species in central-Kalimantan 	Johannes Schwegler, Fairventures Worldwide FVW GmbH, Germany
		<ul style="list-style-type: none"> Landscape Governance Capacity Framework - a framework for assessment and strategic guidance of landscape initiatives 	Ilse Hennemann, Wageningen University & Research, the Netherlands
		<ul style="list-style-type: none"> Ethiopia (building productive landscapes) 	Agena Anjulo, Ethiopian Forest Research Institute
		<ul style="list-style-type: none"> FLR through Conservation and SFM in Sabah, Malaysia 	Robert Ong, Sabah Forestry Department, Malaysia
		<ul style="list-style-type: none"> Sustainable management moist tropical forests 	Plinio Sist, CIRAD, France
		<ul style="list-style-type: none"> Mapping social landscapes 	Sabin Ray, World Resources Institute, US
		<ul style="list-style-type: none"> Restoring keystone species through biotechnology 	Douglass Jacobs, Purdue University, US
	10:15-11:15	<u>FLR IMPLEMENTATION APPROACHES (continued)</u> <i>Poster Session with presentations and audience Q&A. Ten examples of FLR implementation approaches from various regions. Mix of presentations (2-3 minutes each) and moderated discussion.</i> <i>Moderator: Stephanie Mansourian, Consultant</i>	
		<ul style="list-style-type: none"> FLR in Rwanda 	Innocent Bisangwa, Ministry of Agriculture and Animal Resources of Rwanda
		<ul style="list-style-type: none"> FLR in Chile 	Rodrigo Vargas, Universidad de la Frontera, Chile
		<ul style="list-style-type: none"> FLR implementation approaches in El Salvador 	Jorge Ernesto Quezada Diaz, Ministry of Environment and Natural Resources, El Salvador
		<ul style="list-style-type: none"> FLR in Mongolia 	Batkhuu Nyam-Osor, National University of Mongolia
		<ul style="list-style-type: none"> FLR in Myanmar/SE Asia 	Ohn Lwin, WWF, Myanmar
		<ul style="list-style-type: none"> FLR in Kyrgyzstan 	Muslim Rajapbaev, Forest Research Institute of National Academy of

7 June 2017			Sciences, Kyrgyzstan
		<ul style="list-style-type: none"> FLR in Uzbekistan 	Evgeni Botman, Ministry of Agriculture and Water Resources, Uzbekistan
		<ul style="list-style-type: none"> FLR in India 	Promode Kant, Institute of Green Economy, India
	11:15-11:45	Tea/Coffee Break	
	11:45-13:00	<u>FLR AND CLIMATE CHANGE ADAPTATION</u> <i>Key message: Adaptive restoration strategies may be incremental, anticipatory, or transformational, depending on their time perspective and tolerance of novelty.</i> <i>Moderator: Andreas Bolte, von Thünen Institute</i>	
		<ul style="list-style-type: none"> Strategies for adapting FLR to climate change 	John Stanturf, US Forest Service, US
		<ul style="list-style-type: none"> Adaptive measures- a view on global regions 	Andreas Bolte, von Thünen Institute, Germany
		<ul style="list-style-type: none"> Forest stand management regimes under changing environmental conditions 	Jürgen Bauhus, University of Freiburg, Germany
		<ul style="list-style-type: none"> Assisted migration: intentionally moving species or populations to mitigate changes in climate 	Kas Dumroese, US Forest Service, US
		<ul style="list-style-type: none"> Seeking provenances/species that will be better adapted to future climate 	Palle Madsen, University of Copenhagen, Denmark
	13:00-14:00	Lunch	
	14:00-15:00	<u>FLR SUCCESS STORIES</u> <i>Poster session with presentations and audience Q&A. Ten more examples of FLR implementation approaches from various regions. Mix of presentations (2-3 minutes each) and moderated discussion.</i> <i>Moderator: Janice Burns, IUFRO and IFSA</i>	
		<ul style="list-style-type: none"> A global online survey on forest adaptation and forest restoration - concept and first results 	Markus Höhl, von Thünen Institute, Germany
		<ul style="list-style-type: none"> New international restoration standards provide guidance for improving ecological and biodiversity outcomes of forest landscape restoration 	Bethanie Walder, Society for Ecological Restoration, US
		<ul style="list-style-type: none"> Livelihoods and integrated planning 	Isabel Gutiérrez, CATIE, Costa Rica
		<ul style="list-style-type: none"> Modeling applied to FLR 	Stephan Pietsch, International Institute for Applied Systems Analysis, Austria
		<ul style="list-style-type: none"> Regional planning for FLR 	Jennifer Schulz, University of Potsdam, Germany
		<ul style="list-style-type: none"> Local perceptions and best practices in Fandriana Marolambo / Madagascar Forest landscape 	Appolinaire Razafimahatratra,

7 June 2017		restoration	Madagascar
		<ul style="list-style-type: none"> Using fast growing commercial tree species to promote native forest restoration 	Nino T. Amazonas, Jürgen Bausch, Pedro H. S. Brancalion, University of Freiburg, Germany
		<ul style="list-style-type: none"> The right tree for the right place 	Lars Graudal, Roeland Kindt, ICRAF, Kenya
		<ul style="list-style-type: none"> Lessons Learned about applied nucleation as a tropical forest restoration strategy 	Janelle Sylvester, Karen D. Holl, J. Leighton Reid, and R. A. Zahawi, University of Puerto Rico, US
	15:00-15:30	Tea/Coffee Break	
	15:30-17:00	<u>INVESTING IN FLR IMPLEMENTATION</u> <i>Key message: Investors have different motivations for investing in forest landscape restoration and therefore different expectations of returns. Financing FLR is a matter of matching investor goals with environmental and livelihoods needs.</i> <i>Moderator: Till Pistorius, Unique Forestry and Landuse Consulting</i>	
		<ul style="list-style-type: none"> Financing strategies 	Faustine Zoveda, FAO, Italy
		<ul style="list-style-type: none"> Coordinating finance across sectors 	Louis Wertz, EcoAgriculture Partners, US
		<ul style="list-style-type: none"> Seed capital assistance facility for FLR 	Martin Cremer, Frankfurt School of Finance, Germany
		<ul style="list-style-type: none"> Catalyzing Investments in Landscape Restoration 	Ulrich Apel, GEF, US
		<u>Audience Q&A and Discussions</u>	
	17:00-17:30	<u>CLOSING OF KNOWLEDGE SHARING WORKSHOP</u> <i>Moderator: Michael Kleine, IUFRO</i>	
		<ul style="list-style-type: none"> Presentation of consolidated findings of the workshop 	Andreas Bolte, John Stanturf
		<ul style="list-style-type: none"> Closing remarks 	Leslie Weldon; Horst Freiberg; Ariel Lugo; John Parrotta
	18:00-20:00	<u>Dinner on site</u>	
	20:00	<u>Return to Condado Palm Hotel</u>	

Field Trip to FLR Sites near San Juan (Puerto Rico)

DAY 3	Time	Subject	Responsible
8 June 2017	08:00	Departure from Condado Palm Hotel	Workshop Organisers
	08:00 – 09:00	Drive from Hotel to El Verde Field Station	
	09:00 – 12:00	Interpretative talks in the field (about 20 mins each) <ul style="list-style-type: none"> • Mahogany plantation (Jerry Bauer) • El Verde 3 Plot (Tamara Heartsill-Scalley) • Luquillo Forest Dynamic Plot (Jess Zimmerman) • Canopy Trimming Experiment (Grizelle González) • Radiation Experiment (Ariel E. Lugo) 	USFS; IITF
	12:00 – 12:30	Hike back to El Verde Field Station	
	12:30 – 13:30	Lunch provided at El Verde Field Station	
	13:30 – 14:00	Drive to Rd 191	
	14:00 – 16:00	Visit to Recreational Sites at El Yunque National Forest <ul style="list-style-type: none"> • Yokahu Tower • Palo Colorado Trail 	
	16:00 – 17:00	Drive from El Yunque National Forest to San Patricio Forest	
	17:00 – 18:00	Hike at San Patricio Forest	
	18:00 – 19:00	Return to Condado Palm Hotel	
	19:00 – 20:00	Free time	
	20:00 – 22:00	<i>Dinner at Condado Palm Hotel</i>	

Ministerial-level Policy Dialogue: “Shaping Policy for FLR Implementation”

Venue: Condado Vanderbilt Hotel
 1055 Ashford Avenue, San Juan, Puerto Rico
<http://www.condadovanderbilt.com/>

Date	Time	Subject	Responsible
9 June 2017	08:30	Arrival of participants and registration	Organisers
	09:00 - 09:30	<u>OPENING OF MINISTERIAL-LEVEL POLICY DIALOGUE</u>	
		Moderator: Michael Kleine, IUFRO	
		<ul style="list-style-type: none">Welcome by US Government	Ariel Lugo, US Forest Service
		<ul style="list-style-type: none">Welcome by BMUB, Germany	Jochen Flasbarth, State Secretary BMUB, Germany
	09:30-10:00	<ul style="list-style-type: none">Welcome by IUFRO	Mike Wingfield, IUFRO President
		<ul style="list-style-type: none">Forest Restoration in Puerto Rico	Ariel Lugo, IITF Director
	10:00 – 10:45	<u>“LANDSCAPE” OF THE GLOBAL RESTORATION MOVEMENT</u>	
		Moderator: Horst Freiberg, BMUB	
		Role of major participating institutions in the global restoration movement	Global Partnership on Forest Landscape Restoration; Global Restoration Council; FAO FLR Mechanism; IUCN Regional Bonn Challenge processes; WRI (AFR100, Initiative 20x20); IUFRO (FLR Task Forces and Research Groups)
	10:45 -11:15	Tea/Coffee Break	
	11:15 -11:30	<u>KEY MESSAGES FROM THE KNOWLEDGE-SHARING WORKSHOP</u>	John Parrotta, Vice President IUFRO
		Presentation	
11:30 – 12:30	<u>PANEL DISCUSSION</u> <ul style="list-style-type: none">Ministers/decision-makers’ views on forest landscape restoration Moderator: Peter Besseau, GPFLR	Jochen Flasbarth, State Secretary BMUB, Germany; Ariel Lugo, US Forest Service; Clement Chilima, Director Forestry Department, Malawi; Prime Ngabonziza, Director General, Rwanda Water and Forestry Authority; Mike Wingfield, IUFRO President; José Joaquín Campos Arce, Chair of the Board, CIFOR; Paola Agostini, World Bank	
12:30 – 13:00	<u>CLOSING OF MINISTERIAL-LEVEL POLICY DIALOGUE</u> <ul style="list-style-type: none">Closing Remarks by US Government, BMUB, IITF; IUFRO	USFS; BMUB; IITF; IUFRO	
13:00 – 15:00	Lunch		