

Webinar: Four Operational Challenges to Landscape Restoration in Latin America

Presented by the Initiative 20x20 Task Force on Good Practices, the IUFRO Division 3.09.00: Sustainable Forest Operations for Forest Landscape Restoration and the International Society of Tropical Foresters

October 28, 2020 | 12:00 PM – 1:45 PM EDT | [Via Zoom](#)

Description: Forest and Landscape Restoration (FLR) represents not only a nature-based approach to mitigating climate change, but also an opportunity to reverse land degradation that contributes to land-use carbon emissions and erodes a wide range of ecosystem services, including biodiversity. For decades, forest structure and composition have been affected by human activities in ways that cause increased risk from wildfires and other natural disasters. But the tide is turning. Countries around the globe have made important commitments to restore approximately 170 million hectares of degraded land by 2030. The magnitude of national commitments, as well as the variety of interventions needed to restore lands, require the implementation of sustainable forest operations that may differ from those used in production forestry. This webinar will share innovative strategies to overcome four operational challenges for establishing, tending, thinning, and harvesting trees in a restoration context, which will be critical in achieving global FLR targets. Modifications to current practices are needed to facilitate the cost-effective and long-term sustainable implementation of FLR interventions.

Initiative 20x20: is a country-led effort seeking to change the dynamics of land degradation in Latin America and the Caribbean by bringing 20 million hectares of land into restoration by 2020. So far, 17 Latin American and Caribbean countries, three states in Brazil, and three regional programs have committed to begin restoring more than 50 million hectares (or about 124 million acres, an area roughly the size of France) of degraded land by 2030 through Initiative 20x20. The initiative supports reforestation (natural and assisted) and the conservation of forests, as well as avoided deforestation as elements of an integrated restoration process. Cognizant of the various degrees of land degradation in the region, the initiative also supports efforts to recover land functionality (soil conservation and recovery; carbon storage; water retention and stable hydrology; biodiversity conservation and recovery) through agroforestry, silvopastures, and other sustainable land use schemes.

AGENDA

12:00 PM

Introductions

Walter Vergara, Initiative 20x20 Coordinator, WRI

Woodam Chung, Division 3 Coordinator, IUFRO

Ruth Metzel, Vice-president of ISTF

Roger Villalobos, Co-Chair, Initiative 20x20 Task Force on Good Practices

| | |
|-----------------|--|
| 12:15 PM | Overview to operational challenges in landscape restoration René Zamora-Cristales, Senior Associate and Latin America Research Coordinator, WRI |
| 12:30 PM | Challenge 1: Seeds of the Future - Improving seedling production for restoration Marta Gonzalez, Forest Engineer, INFOR, Chile |
| 12:45 PM | Challenge 2: Identifying operational aspects to consider when growing trees for restoration Roberto Del Cid, Guatemala |
| 1:00 PM | Challenge 3: restore resilience to wildfire under climate change Nate Anderson, Division 3.09.00 Deputy Coordinator, IUFRO, and Research Forester, USFS |
| 1: 15 PM | Challenge 4: Bridging the gap between impact investment and technical operational assistance for communities in Peru Marioldy Sanchez, Manager of the Forest Alliance, AIDER, Perú |
| 1:30 PM | Discussion Session and Conclusions |