

RFFL – Science-practice interactions through long-term demonstration, research and monitoring experiments at operational scale in Central Asia

*John Stanturf¹,
Evgeniy Botman³
Muslim Rajapbaev⁴
Palle Madsen¹,
Marcus Williams²*

1) InNovaSilva, ApS, Vejle, Denmark

2) Center for Forest Disturbance Science, US Forest Service, Athens, Georgia USA

3) Forestry Research Institute of Uzbekistan, Tashkent, Uzbekistan

4) Laboratory of Economics and Organization of Forestry, Scientific and Production Center for Forest Research, Institute of Biology of the National Academy of Sciences of the Kyrgyz Republic

What is RFFL?

Resilient Future Forests Lab

- **A platform for a global science-practice partnership**
- **Establish a global network of long-term demonstration experiments**
- **Based on scientific designs**
- **To inform society, decisions-makers, people (outreach and education)**
- **IUFRO is the facilitator and hub**
- **Implemented by IUFRO member organizations**
- **IUFRO since 1892**
- **More than 200 years of forest science and practice**

RFFL-locations Kyrgyzstan

Preferably a challenging and a gentle site at each location

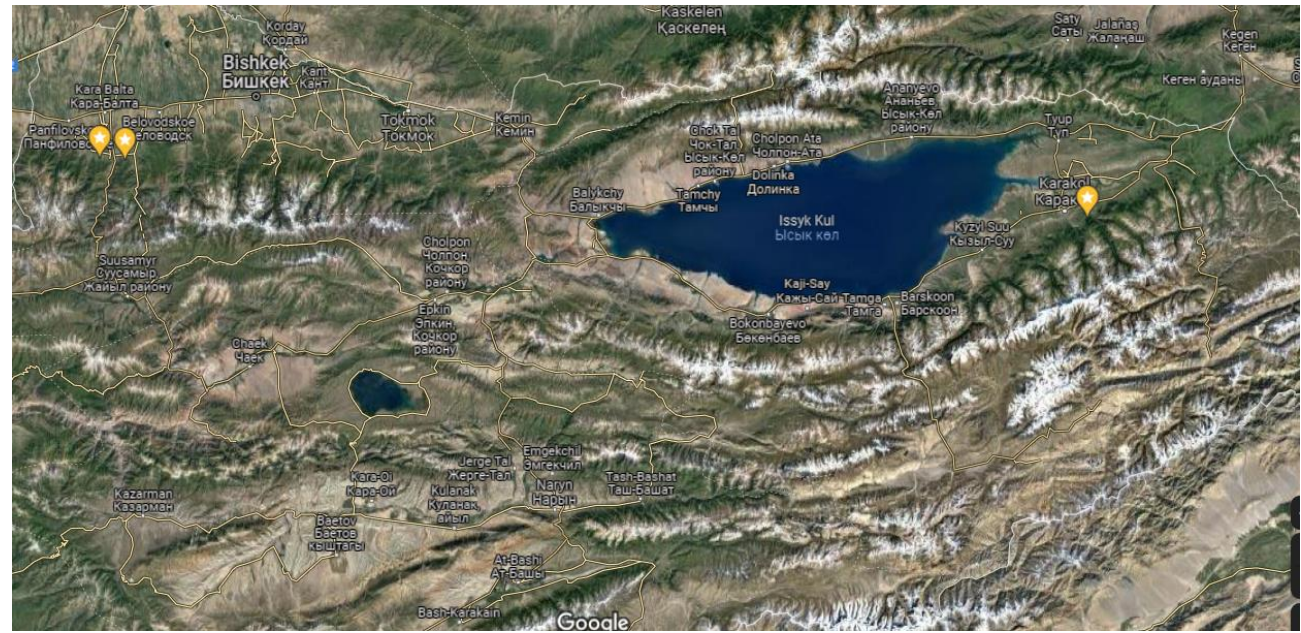
Locations:

- Ak-Suu Forest Experimental Station
- Taldy-Bulak and Sary-Bulak
- Jaiyl Leshoz

Treatments – operational scale

- **Do nothing**
- **BAU** (planting crop trees as usual, incl. spot terrassing)
- **Innovative**
 - Airpruned Jiffy container-saplings
 - Improved soil moisture (biochar, hydrogel, mulching available cut vegetation + rocks)
 - Sacrificial nurse trees – planted or sown in the same spot as crop trees
 - Temporal (inexpensive) fences

Additional small experiments



RFFL-locations Uzbekistan

Preferably a challenging and a gentle site at each location

Locations:

- Aktash river basin
 - reference site
 - afforested 40-100 years ago
- Burch Mullo – challenging site
- Burch Mullo – gentle site

Treatments – operational scale

- ***Do nothing***
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