

APPENDIX 3. Details of study areas included in the ReForLan project.

Abbreviations for climate variables are *MAT* = mean annual temperature, *MAR* = mean annual rainfall, abbreviations for major vegetation types are AF = Austral Forest, APF = Andean Premontane Forest, CF = Chaco Forest, MSF = Mediterranean Sclerophyllous Forest, MDDF= Mediterranean Deciduous Dry Forest, TDF = Tropical Dry Forest, SEPSF = Semi-evergreen Premontane Seasonal Forest, OF = Oak Forest, POF = Pine-Oak Forest, PF = Pine Forest, RP = Riparian Forest, G = Grasslands, SH = Shrublands. * Soil classification in Central Chile and NW Argentina follows the USDA-NRCS system; the FAO-UNESCO system is used in all other cases.

	Southern Argentina	Central Chile	NW Argentina	Central Chiapas, Mexico	Upper Mixteca, Oaxaca, Mexico	Central Veracruz, Mexico
Latitude	39° 30'–43° 35'	33° 30'–38° 00'	22° 00'–24° 00'	15° 50'– 17° 00'	17° 00'– 18° 00'	19° 17'–19° 25'
Longitude	71° 19'–72° 00'	71° 50'–72° 30'	63° 30'–65° 00'	92° 00'– 93° 30'	97° 00'– 98° 00'	96° 26'–96° 35'
Elevation (m)	800–1500	0-2260	350–750	500–1700	600–1500	40 –1100
<i>MAT</i> (°C)	12°	13°	21°	19°–26°	16°–18°	24°–26°
<i>MAR</i> (mm yr ⁻¹)	1500	100–500	900	800–1200	550–900	900
Predominant landforms	Steep and gentle hillsides and rolling plains	Steep hillsides on transversal mountains between coast and Andes, and gentle slopes and some rolling plains.	Steep and gentle hillsides and rolling plains	Steep and gentle hillsides and rolling plains	Steep and gentle hillsides and rolling plains	Gentle hillsides and rolling plains
Predominant soil types *	Andosols	Andisols, entisols, inceptisols	Entisols, inceptisols, mollisols	Lithosols, rendzines, luvisols, and regosols on limestone	Andosols, lithosols on limestone	Haplic phaeozems, lithosols, pelic vertisols

Major vegetation types	AF- steppe ecotone	MSF, MDDF, RF, G, SH	APM, CF, RF	TDF, SEPSF, OF, POF, PF, RF	TDF, OF, POF, PF	TDF, RF
Agricultural cover or main crops	Pastures and rangelands for cattle and sheep grazing	Vineyards, pastures, fruit-growing, livestock grazing	Irrigated sugarcane, soybean, pastures for cattle grazing	Induced pastures for cattle grazing, traditional annual crops, rainfed crops with agrochemicals use, irrigated crops, fruit orchards, shade grown coffee plantations	Traditional annual crops, rangelands for sheep and goat grazing	Irrigated sugarcane, rainfed annual crops, pastures, some fruit orchards
Major forest uses	Exotic tree plantations	Exotic tree plantations, firewood, charcoal	Firewood and timber from native trees	Firewood and timber from native trees, silvopastoral systems	Firewood and timber from native trees	Firewood and timber from native trees
Dependence on firewood	Low	High	Low in cities, high in rural areas	High	High	Low
Use of non-timber forest products	Few	Low	Few	Many	Many	Many
Frequency and intensity of wildfires	Low/low	High/medium	Low/low	High/high	High/high	Medium/medium
