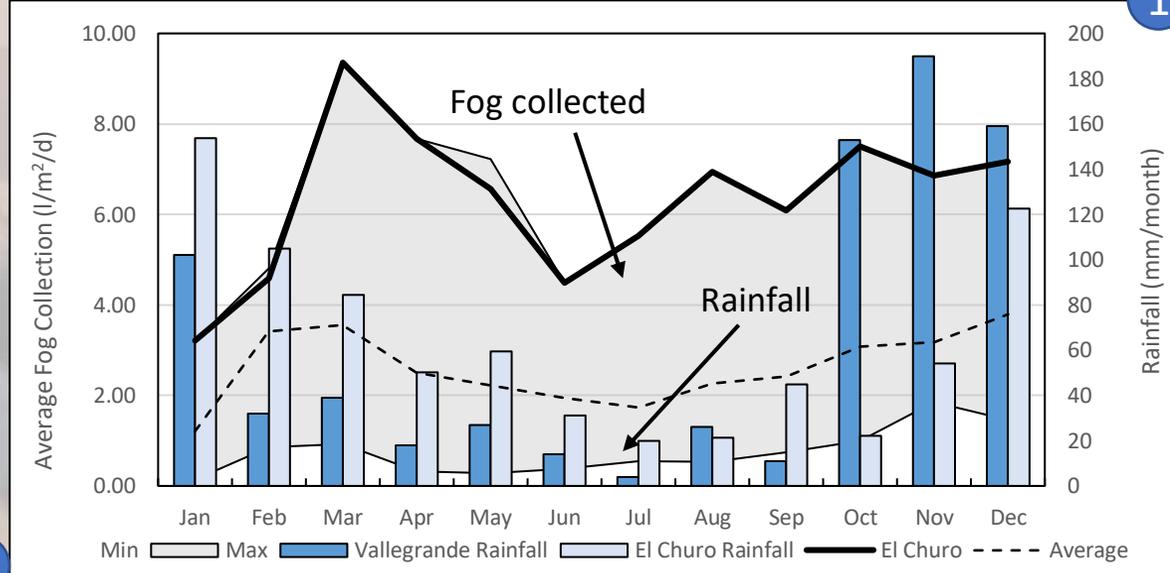
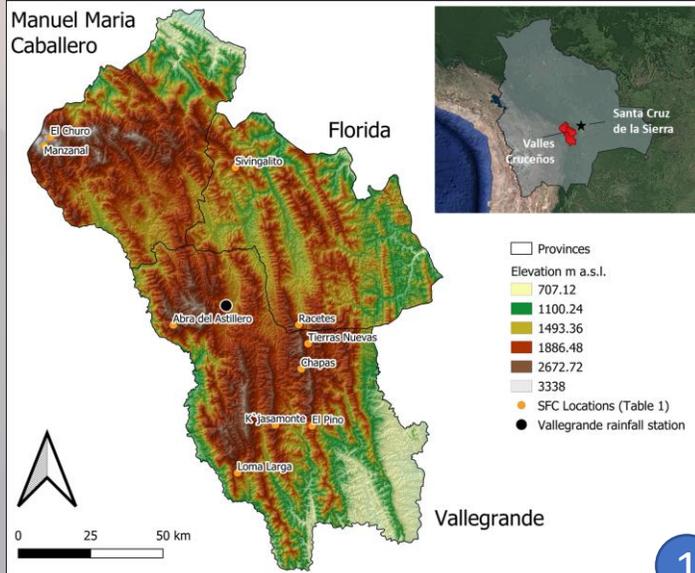


# Fog as an unconventional water resource for securing food production in Eastern Andes

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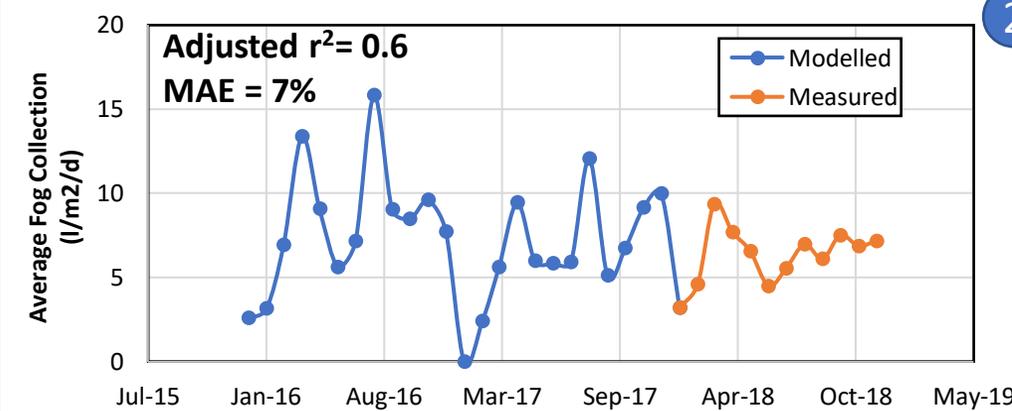


## Fog collection system

- 120 m<sup>2</sup> of crops (potato, maize, green beans and tomatoes)
- 48 m<sup>2</sup> of mesh (Large Fog Collector – LFC)
- Greenhouse + drip irrigation + 8 m<sup>3</sup> tank
- Irrigation in the dry season (Mar-Aug)
- Cost \$ 2400 per 3 families

## Methodology:

- 1) 1-year experimental fog collection analysis in 10 sites of Valles Crucenos (BOL)
- 2) Linear regression model to estimate fog collected from T max, T min, T dew point (°C), Mean sea level pressure (kPa), Surface pressure (kPa)
- 3) Design of a fog collection system



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