

Temperature: 0, 2, 3 deg warming

Rainfall: Have two plausible versions of config file

Might want to vary the values that I fudged – NPP factor for example, but then again that's not really an input (can keep this as an extension)

Lead farmers: 5, 10, 20 (they aim for 500000, which is 25% (guesstimate) of the farmers. We have 800 farmers, so 25% of that is 200 farmers. They have reached 3000, i.e., 0.15%, starting from 500 lead farmers (i.e., 0.025%). For us, 0.15% would be 1 farmer...

Jealousy: 1, 5, 10

Desperation: Just switch it on and off

Grace period length: 0 and 3 (not realistic parameter, just there to get the model to be stable.

This is already 220 runs – too much! Need to group them together instead of varying everything with everything.

Possible solution:

- Choose 'sensible average' values that stay the same in most runs, just change one of the other params each time
- Or group together: Make plausible scenarios for climate forcing and for desperation, jealousy etc.
- Synthesis: do the grouping first, and then just explore a few interesting individual variables

I need to set up a set of climate scenarios to give to Mabel.

Average farm size: 1-2 hectares, i.e., 100 to 140m side length. (correction: we worked out that the side length needs to be 70m, see ecohyd model code).