

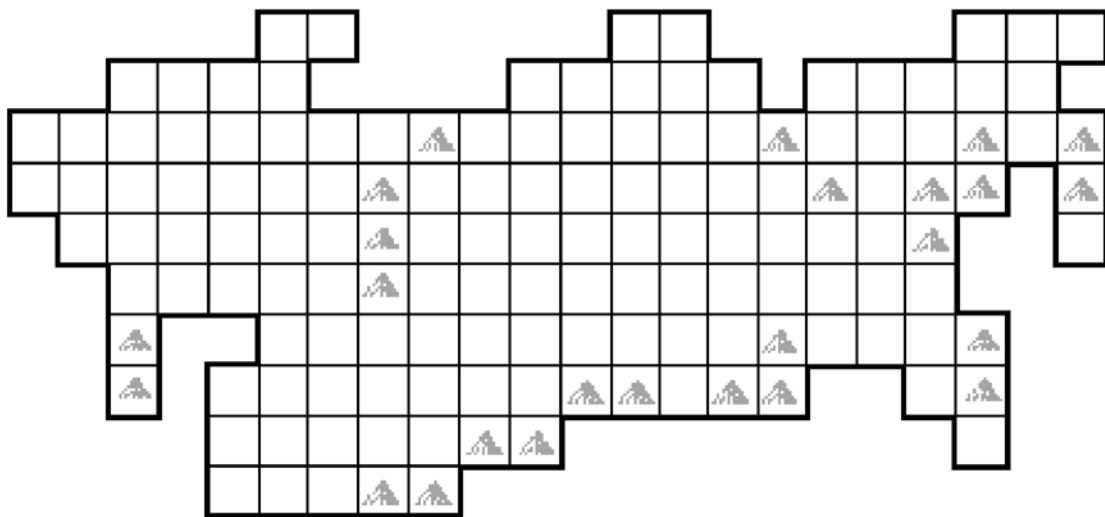
Land-Use Decisions

People deciding what to do with land must consider many kinds of information:

- 1) Environmental sun, growing season, rainfall, soil, slope, pests, weeds, . . .
- 2) Economic distance, transportation, storage, equipment, fuel, chemicals, . . .
- 3) Cultural consumer tastes, religious taboos, markets, government regulations, . . .
- 4) Personal skill, age, health, family, buildings, preferences, obligations, options, . . .

J1

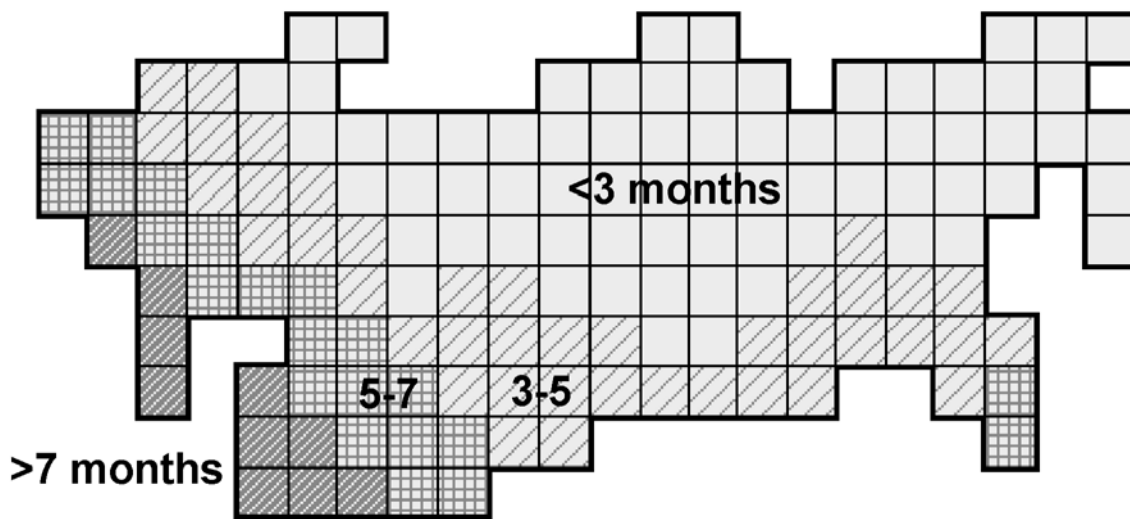
Rasterized Map



Rasterizing is turning a map into a set of squares, so that a computer can analyze the data efficiently.

J2

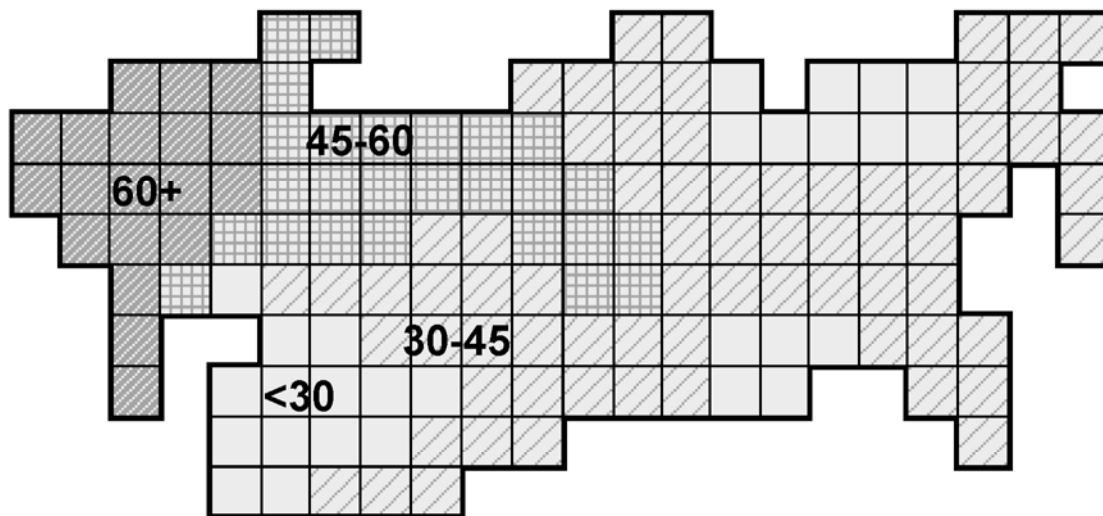
Growing Season



The length of the growing season is a key fact for someone deciding what crops or trees to plant.

J3

Precipitation



The total amount of rain and snow is important, but the season when it comes is also important.

J4