Questions: spatial db

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Contents

All variables

- The variables are originally in different resolutions and alignments. Should I process all of them to have the same resolution and align them? Should I just change the resolution or work on interpolating/resampling them?

Landscape variables

- **Variables**: land use/cover classes, elevation and derived (slope, aspect, TPI at multiple scales), lichen abundance (model), digestible biomass (model)
- **General question: should I resample everything with is not 100m to 100m?**
- Where should I get the elevation (dem, slope, aspect) from, for Norway? g_Elevation_Fenoscandia?
- g_Elevation_Fenoscandia_TPI: all maps with 50m. Should I resample them to 100m? Should I calculate it for more window sizes? so far, 250, 500, 1000, 2500, 5000, 10000
- Elevation for Sweden: we used a 10m res map, derived from a 2m res. But we have available maps for the whole Fenoscandia. Should we use this one?
- How to match land use classes from maps from Sweden and Norway? Or should we use a single map for the whole region (a regional or Europe land use map)?
- Define the issue above before running density maps for land use
- Lichen model for Norway?
- Digestible biomass for Sweden? Should we keep the map for Norway in the database?

Climate and phenology variables

- The phenology variables seem to be available for the whole Fennoscandia
  (mapsets `g_LandCover_Fenoscandia_PHENELOGY*`).
  However, the variables currently available were created only for the extent of Norway, and I cannot find the files, mapsets (e.g. `g_LandCover_Fenoscandia_PHENOLOGY_average` does not exist in the server), or scripts used to create them. Maybe we could re-calculate all that for the whole Fennoscandia?
  [Check that with Knut and Torkild.]

Industry

- How to set up a good workflow between PostGIS and GRASS?
- First a workflow to upload vector data in PostGIS taking into account:
  - special characters
  - a safest structure for the tables in PostGIS (as suggested in PostGIS in action book)