Chlorophyll-a retrieval project.

Your objective is to use the sea-surface data to retrieve the subsurface distribution of Chlorophyll-a at different depths.

You should start by focussing on one depth level, ideally between 30 and a 110 meters below surface and then extend the models obtained to other depths.

Variable selection, using past and / or future time-steps, and other transformations of explanatory variables will be important.