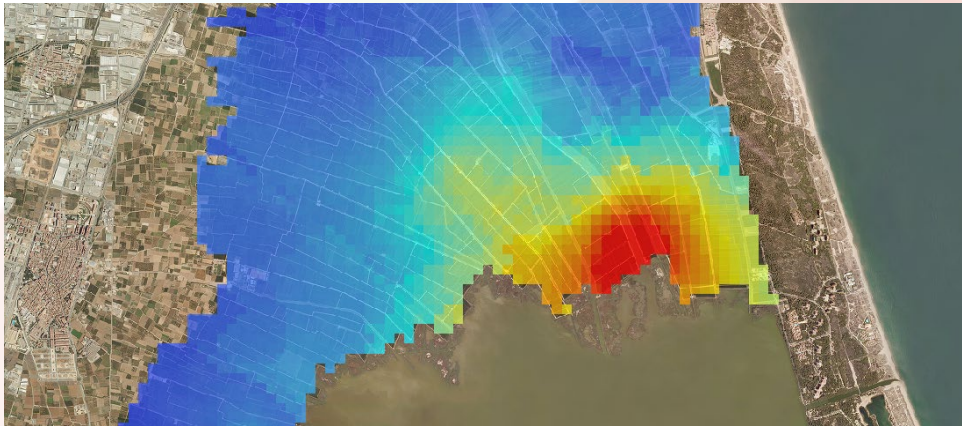


Precision Mapping of Soil Salinity in Rice Paddies



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Study Area



Coastal lagoon in Valencia
Cultivated (mostly) with rice
Natural park



Study Area



Sampling observations

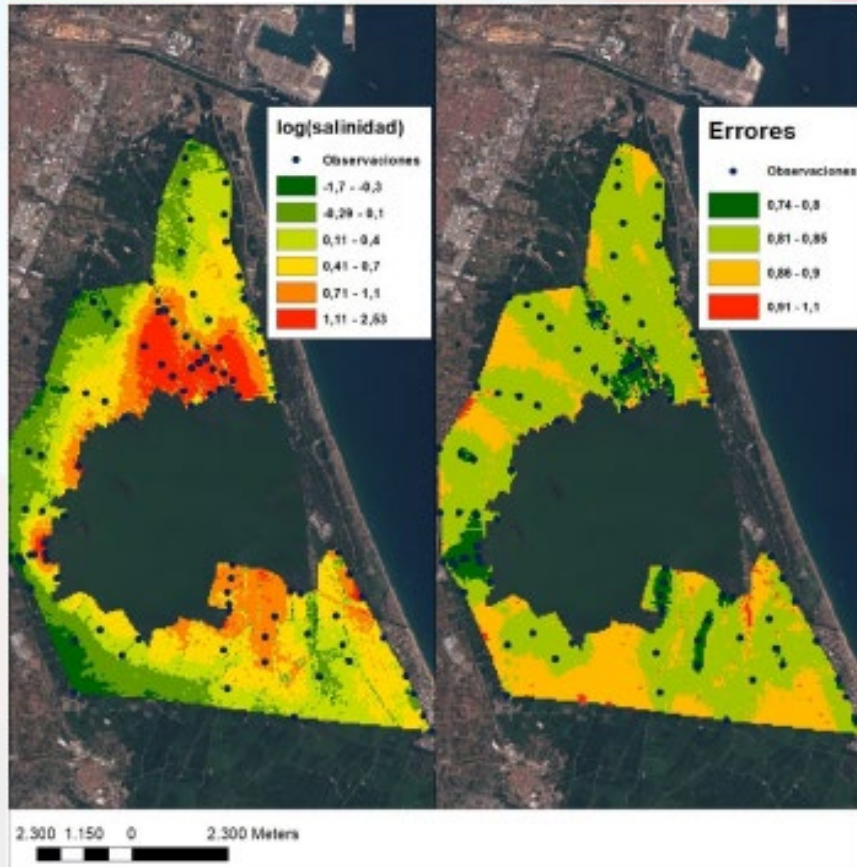


Prediction grid



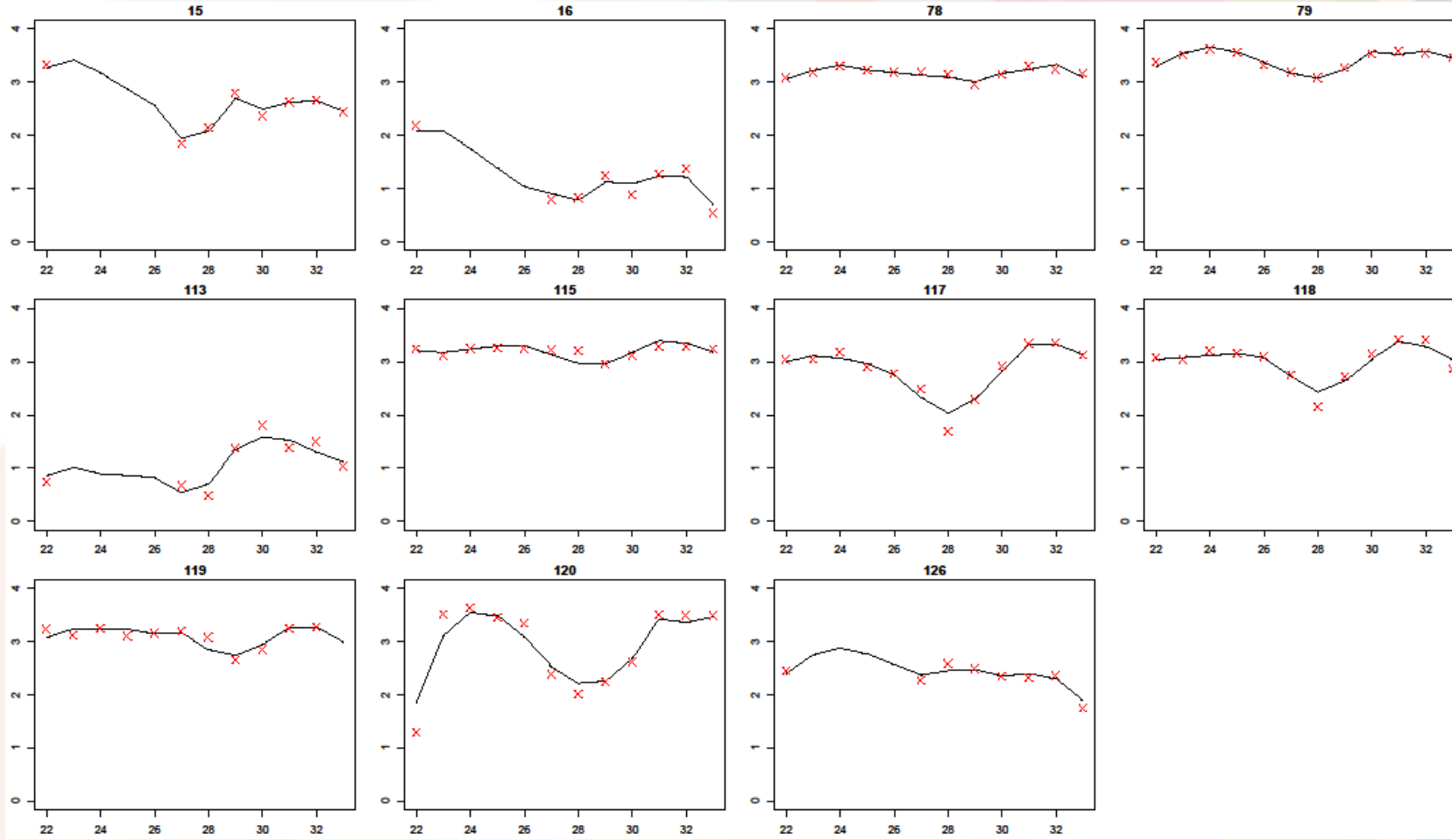
Spatial Kriging (only one time point)

Library geor



Spatio-temporal Gaussian process model

Cross-validation. Predicted time-series in some spatial locations



Spatio-temporal Gaussian process model

Map of predictions for a specific time point

