Analysis of Environmental Data by Artificial Intelligence Routines

In order to improve the decision making process, EBP has developed artificial intelligence solutions to create predictive models by creating supervised learning machine learning algorithms, where a model is trained to self-adjust based on a set of data that is entered into the model and is called a training set. Once these models have good calibrations, it is possible to perform predictions for new input data sets.

For this, EBP Brazil has been working on the implementation of solutions using algorithms such as

- Multivariate linear regression
- Decision Trees
- Random Forest
- Artificial Neural Network