

# Emerging Methods for Early Detection of Forest Fires

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## Model Building

### Configuring The Learning Process

With both the training data defined and model defined, it's time to configure the learning process. This is accomplished with a call to the `compile()` method of the `Sequential` model class. Compilation requires 3 arguments: an optimizer, a loss function, and a list of metrics.

```
In [ ]: #configure the Learning process
        model.compile(loss = 'binary_crossentropy',
                      optimizer = "adam",
                      metrics = ["accuracy"])
```