

# Emerging Methods for Early Detection of Forest Fires

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## Model Building

### Initializing The Model :

Keras has 2 ways to define a neural network:

- Sequential
- Function API

The Sequential class is used to define linear initializations of network layers which then, collectively, constitute a model. In our example below, we will use the Sequential constructor to create a model, which will then have layers added to it using the add () method.

Now, will initialize our model.

```
#initializing the model  
model = Sequential()
```