Building and deploying a model in Oasis
- hands-on workshop
12 September 2018

This is a full day workshop that will guide participants through the process of building and testing a simple model in Oasis format, then deploying it into the Oasis platform. All aspects of the Oasis platform and modelling kernel will be covered. It is required that the participants already have a working knowledge of catastrophe modelling concepts, good data manipulation skills and some basic programming skills.

Content

Technology basics - Oasis architecture, GitHub, Docker, Unix, Python
Footprint and vulnerability file formats
Mapping exposure data to the model
Testing a model using Oasis MDK command line tools
Oasis financial model
Packaging and deploying a model to the Oasis Model Library
Running a model in the Oasis Platform

Requirements

Laptop running Linux or Windows with Docker
Working knowledge of catastrophe modelling concepts
Basic usage of Unix command line
Basic programming skills - Python or R