

Tech that matters

Analyze drone images to identify damaged homes.

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Agenda

1. Purpose of the workshop
2. Background: Natural disasters
3. What we use
4. Recommendations and Links
5. Let's start building

Before you start. Create a free account here:

http://ibm.biz/drone_image

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Purpose of the workshop

During this workshop you will quickly set-up a project with Watson Studio. This hands-on lab uses drone aerial images, Watson Studio and Watson Visual Recognition to survey neighborhoods and countrysides. Example datasets for wildfires are provided.

After completing this tutorial you will be able to:

- Create a Visual Recognition model in Watson Studio running in IBM Cloud
- Capture images from a drone and zip them into a class
- Train a model to identify objects in the images
- Score and identified objects

The possibilities are endless. Show us what you'll build. 😊

What will we use?

- **Watson Studio** provides tools for application developers to easily build & train models. Build and train AI & machine learning models in a flexible, hybrid cloud environment.
- **Watson Visual Recognition** makes it easy to extract labels from images and detect for specific content out-of-the-box. You can also build custom models to detect for specific content in images inside your applications.
- **IBM Cloud**

Recommendations for a great app:

Start here:

Use <https://developer.ibm.com> as a starting point

See what Github has to offer

If you want to build something yourself please go to:

<https://developer.ibm.com/patterns/>

Just start and build your idea!

Let's start

1. Create an account here: http://ibm.biz/drone_image

2. For instructions, go to: http://ibm.biz/image_ws

<https://github.com/hansb001/drones-iot-visual-recognition/blob/master/WildFires/WILDFIRES.md>

↳ Go to <https://ibm.biz/BdqDbh> and build your app!



