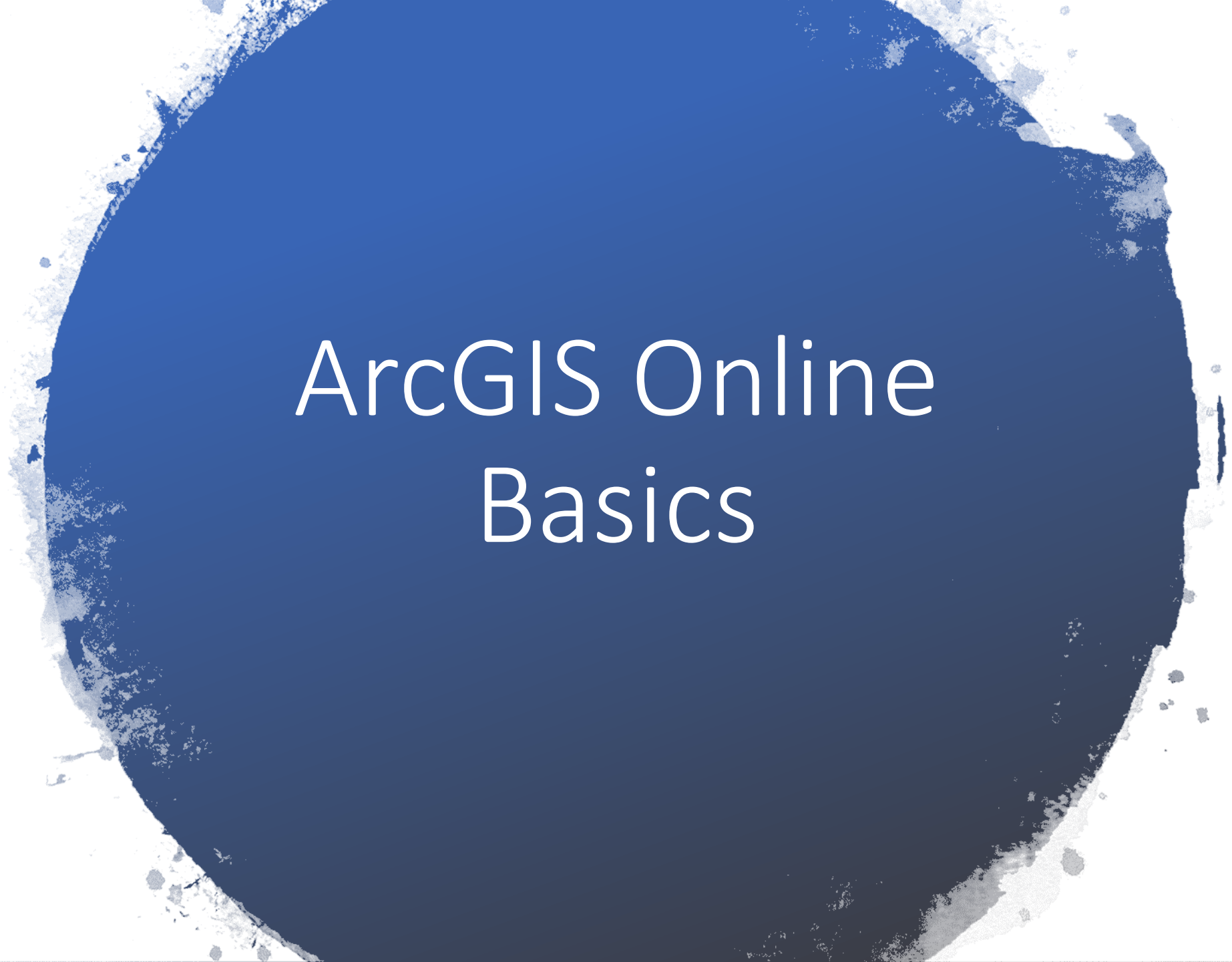




Spring 2021

Python Workshop: Intermediate



ArcGIS Online Basics

ArcGIS Online Basics

[Home](#) [Gallery](#) [Map](#) [Scene](#) [Groups](#) [Content](#) [Organization](#)

Search

Notifications

App List

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Content

My Content

My Favorites

My Groups

My Organization

Living Atlas

↑ Add Item

⊕ Create

Search dancranford

Table

Date Modified

Filter

Folders

Filter folders

All My Content

dancranford

DanCranford Source Data

DanCranford View Data

dashboarding

Demo for DevSummit

Output Maps at

1 - 11 of 11 in dancranford

Title	Modified
Dutch Topographic Basemap-Copy Web Map	☆ ... Feb 13, 2020
Hazards Dan Cranford Web Map	☆ ... Feb 13, 2020
mlsdb Hub Site Application + M	☆ ... Jan 22, 2020
Hazard_DanCranford QuickCapture Project	☆ ... Jan 7, 2020
Hazard_DanCranford Feature Layer (hosted)	☆ ... Jan 7, 2020



ArcGIS Online Basics

- Items
 - Data
 - Feature Layers
 - Tile Layers
 - Web Maps
 - Web Mapping Applications
 - Dashboards
- Users
- Groups

ArcGIS API for Python

- Created in 2016
- Specifically geared for ArcGIS Online
- Administration
 - User Management
 - Group Management
 - Item Management
- Analysis
 - Quick analysis with vector data
 - Built-in Notebook widgets
 - Geared toward data scientists
 - Rapidly expanding raster and machine-learning/AI functionality

arcpy vs. arcgis

- arcpy
 - Has licensing
 - Only exists with ArcGIS Desktop/ArcGIS Pro
 - Good for complex geoprocessing
 - Good for desktop datasets
 - Available in Python 2.7 and Python 3.x
 - Mostly functions
- Arcgis API for Python (arcgis)
 - Free to use
 - Frequently updated
 - Mostly for ArcGIS Online data
 - Does not require ArcGIS Pro* or ArcGIS Desktop
 - Only available in Python 3.x
 - Very object-oriented

Extra Fun



Create your own environment
in ArcGIS Pro



Sign up for an ArcGIS Online
Developer Account