



hereby recognizes that

Roger Widmer

has attended the MOOC

Spatial Data Science: The New Frontier in Analytics

6 weeks

Completed on October 4, 2023

Jack Dangermond,
President, Esri



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Roger Widmer

has attended the MOOC

Imagery in Action

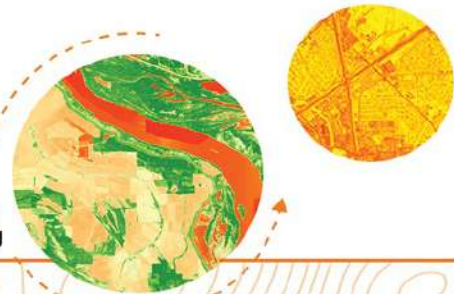
6 weeks

Completed on October 25, 2023

A handwritten signature in black ink that reads "Jack Dangermond". The signature is written in a cursive style and is positioned above a horizontal line.

Jack Dangermond, PRESIDENT

Esri Training
esri.com/training





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Roger Widmer

has attended the MOOC

GIS for Climate Action

6 weeks

Completed on November 29, 2023

A handwritten signature in black ink, reading 'Jack Dangermond', is positioned above a thin horizontal line.

Jack Dangermond,
President, Esri



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has attended the MOOC

Going Places with Spatial Analysis

6 weeks

Completed on March 4, 2024

A handwritten signature in black ink, reading 'Jack Dangermond', is positioned above a horizontal line.

Jack Dangermond
President



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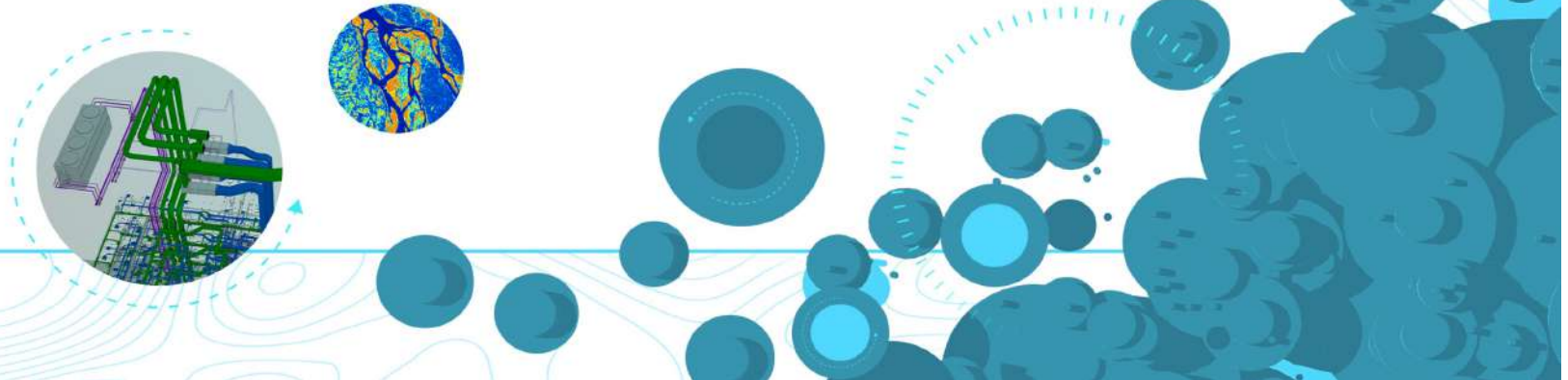
Transform AEC Projects with GIS and BIM

4 weeks

Completed on March 12, 2024

Jack Dangermond, PRESIDENT

Esri Training
esri.com/training





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has attended the MOOC

Cartography.

6 weeks

Completed on May 13, 2024

A handwritten signature in black ink, which appears to read 'Jack Dangermond', is positioned above a horizontal line.

Jack Dangermond
President



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Roger Widmer

has attended the web course

Performing Supervised Pixel-Based Image Classification

1 hour and 10 minutes

Completed on April 30, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Roger Widmer

has attended the ArcGIS Lab

Classifying Objects Using Deep Learning in ArcGIS Pro

1 hour and 20 minutes

Completed on June 2, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Roger Widmer

has attended the web course

Getting Started with Imagery and Remote Sensing

3 hours and 30 minutes

Completed on June 2, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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has attended the web course

ArcGIS Survey123 Basics

2 hours and 35 minutes

Completed on June 3, 2023

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Jack Dangermond, President



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has attended the web course

ArcGIS Survey123: Create a Survey Using ArcGIS Survey123 Connect

2 hours and 30 minutes

Completed on June 5, 2023

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Jack Dangermond, President



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ArcGIS Survey123: Creating and Publishing Surveys

1 hour and 20 minutes

Completed on June 5, 2023

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Jack Dangermond, President



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Introduction to Image Classification

1 hour and 15 minutes

Completed on June 14, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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ArcGIS Pro Basics

50 minutes

Completed on August 4, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Change Detection Using Imagery

2 hours and 30 minutes

Completed on August 4, 2023

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Jack Dangermond, President



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Deep Learning Using ArcGIS Online

1 hour and 40 minutes

Completed on August 4, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Getting Started with Data Management

1 hour and 25 minutes

Completed on September 26, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Teaching with GIS: Field Data Collection Using ArcGIS

6 hours

Completed on October 18, 2023

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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ArcGIS Drone2Map Basics

2 hours and 10 minutes

Completed on March 6, 2024

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Creating 3D Products Using ArcGIS Drone2Map

2 hours

Completed on March 6, 2024

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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has attended the web course

Getting Started with ArcGIS Drone2Map

1 hour and 30 minutes

Completed on March 6, 2024

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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has attended the web course

Inspect Assets Using ArcGIS Drone2Map

1 hour

Completed on March 6, 2024

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Make an Impact with Modern Geo Apps

4 weeks

Completed on April 30, 2025

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Terrain Analysis Using ArcGIS Pro

2 hours and 45 minutes

Completed on May 13, 2025

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President



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Roger Widmer

has attended the ArcGIS Lab

Creating an ArcGIS StoryMaps Briefing

2 hours and 35 minutes

Completed on May 28, 2025

A handwritten signature in black ink, reading "Jack Dangermond".

Jack Dangermond, President