



ArcGIS 360 VR – GIS to VR Publishing Made Easy

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Why Virtual Reality?

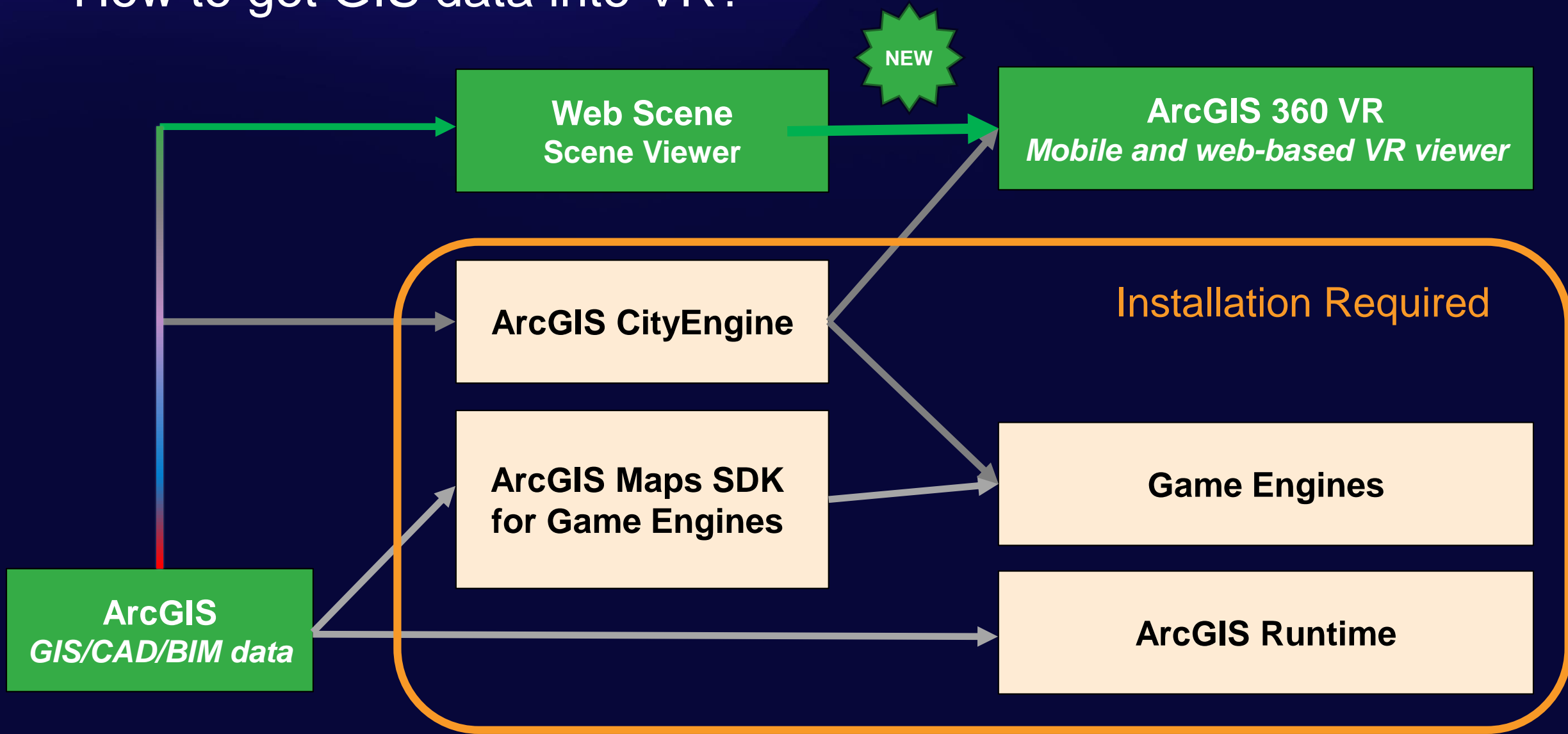
- Designed for 3D – no 2D projection
- Sense of scale
- Being there – immersive

GIS use cases

- Explore sites
- Evaluate proposals
- Communicate developments
- Compare scenarios



How to get GIS data into VR?



Publish 360 VR Experience on 360vr.arcgis.com

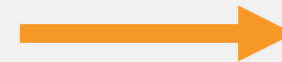


ArcGIS 360 VR



Log out

360 VR Experiences



New 360 VR Experience

Quicklinks

ArcGIS CityEngine

ArcGIS Online

ArcGIS Blog

Public Experiences

My Experiences

My Favorites

My Organization



360VR Example Skybridge Cit...
andreas_zrh



pbrHelmets_4096_1024
testscenes_zrh









pbr_4096_1024_3vr
MLipp_zrh





Redlands Redevelopment
testscenes_zrh



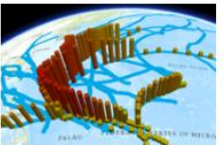
Web Scene Selection

← → ↻ 🔒 arcgis.com/apps/360vr/index.html      

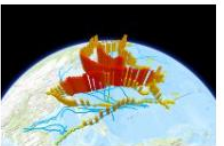
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🔍 typhoon


▼ Search results




Western Pacific Typhoons (2005)
esri_3d



typhoon scene
millerma2001



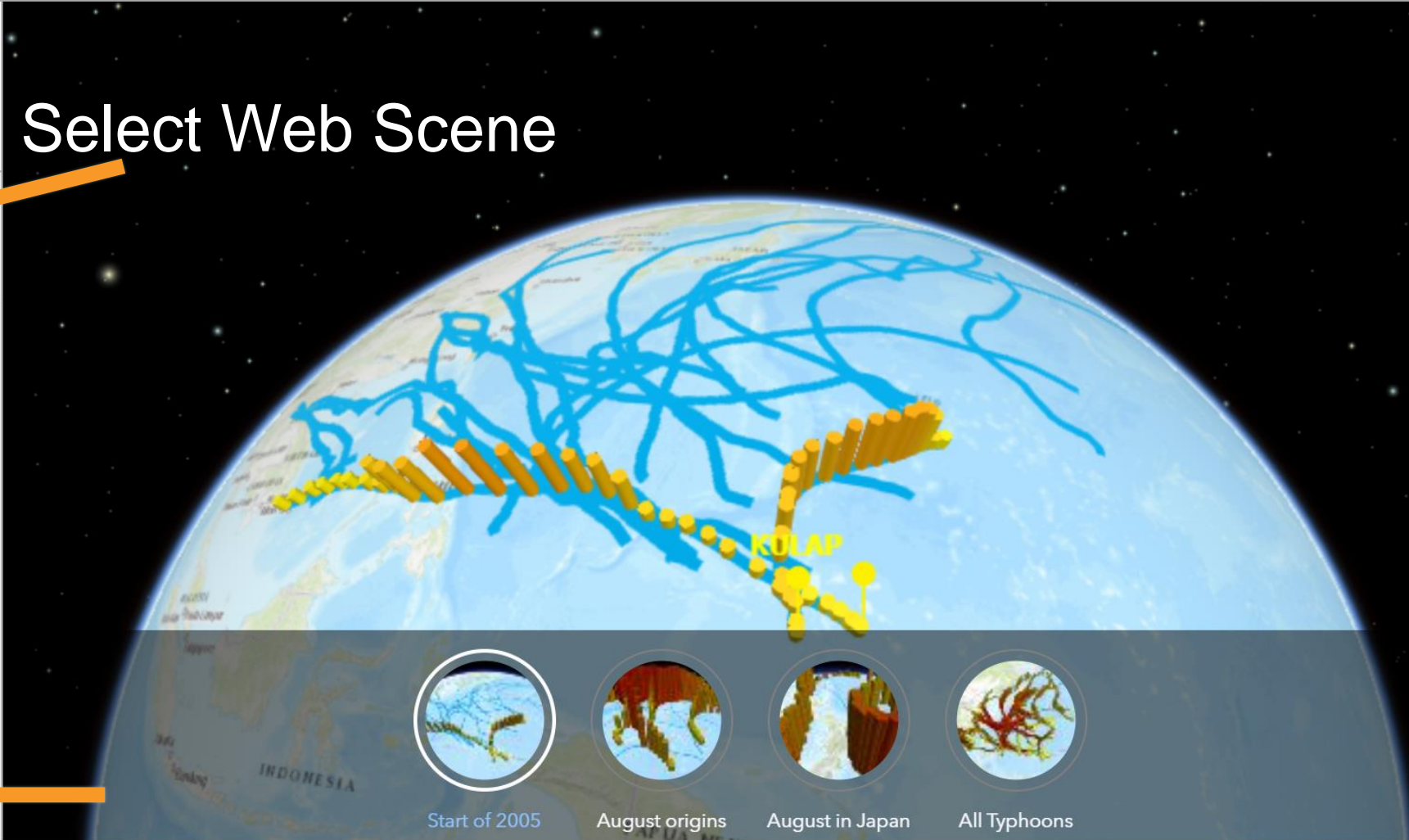
Western Pacific Typhoons (2005)
GTKWebGIS



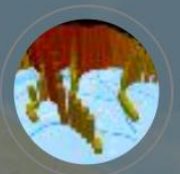
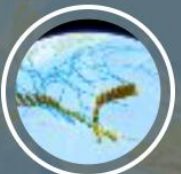


scene test
testzvi

Next

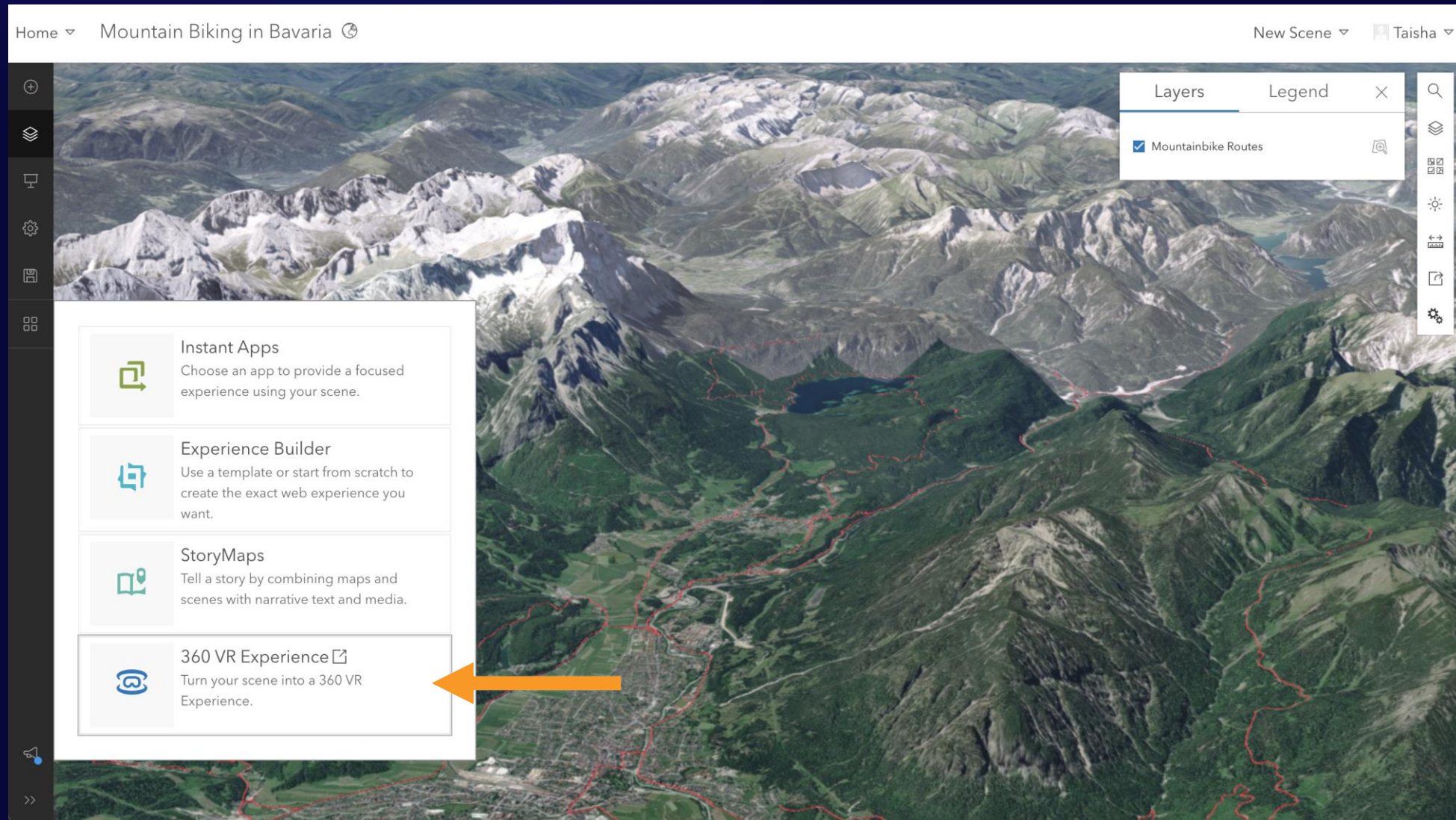
Select Web Scene





Start of 2005 August origins August in Japan All Typhoons

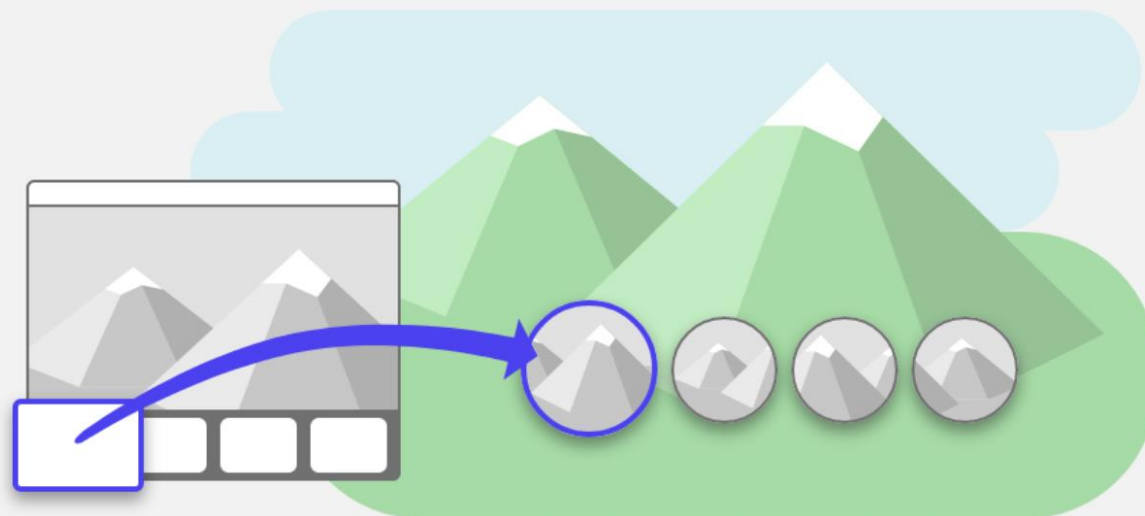
Or directly from Scene Viewer



Publishing Process – Name Scene

[←](#) [→](#) [↻](#) [🔒](#) [arcgis.com/apps/360vr/index.html](#) [🔗](#) [☆](#) [📱](#) [M](#) [⋮](#)

 ArcGIS 360 VR [?](#) [Log out](#)



Every slide in the web scene converts to a viewpoint in the 360 VR Experience. Use ArcGIS Scene Viewer to add or remove slides.

Create 360 VR Experience

Western Pacific Typhoons (2005)_360VR_2

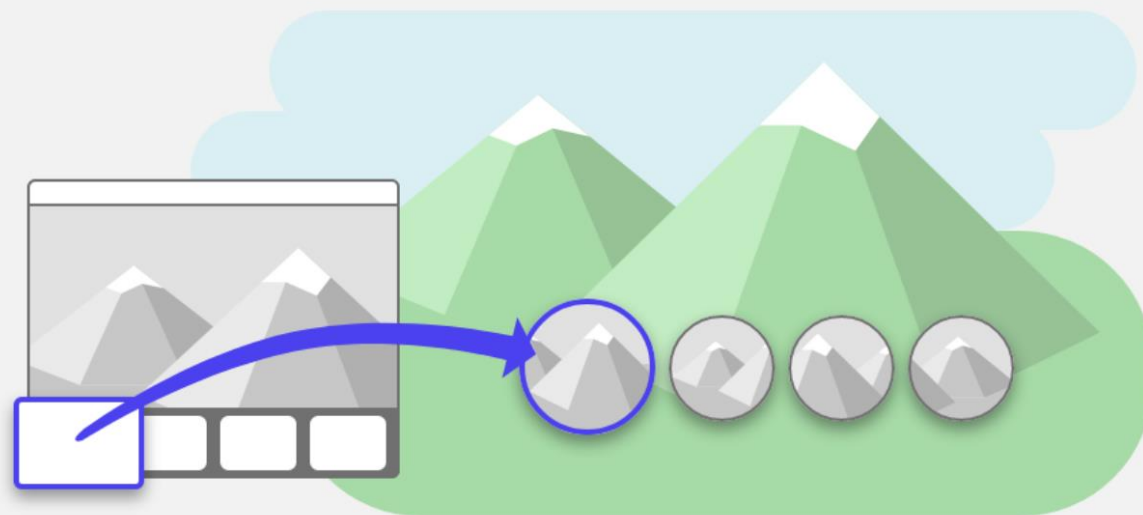
Publish

Publishing Process – Bake 360 VR Experience

← → ↻ 🔒 arcgis.com/apps/360vr/index.html

ArcGIS 360 VR

Log out



Every slide in the web scene converts to a viewpoint in the 360 VR Experience. Use ArcGIS Scene Viewer to add or remove slides.

Create 360 VR Experience



Publishing the 360 VR Experience may take a while. Do not close the browser tab, or change to another tab to ensure the publishing process is not interrupted.

Publishing Finished



Create 360 VR Experience

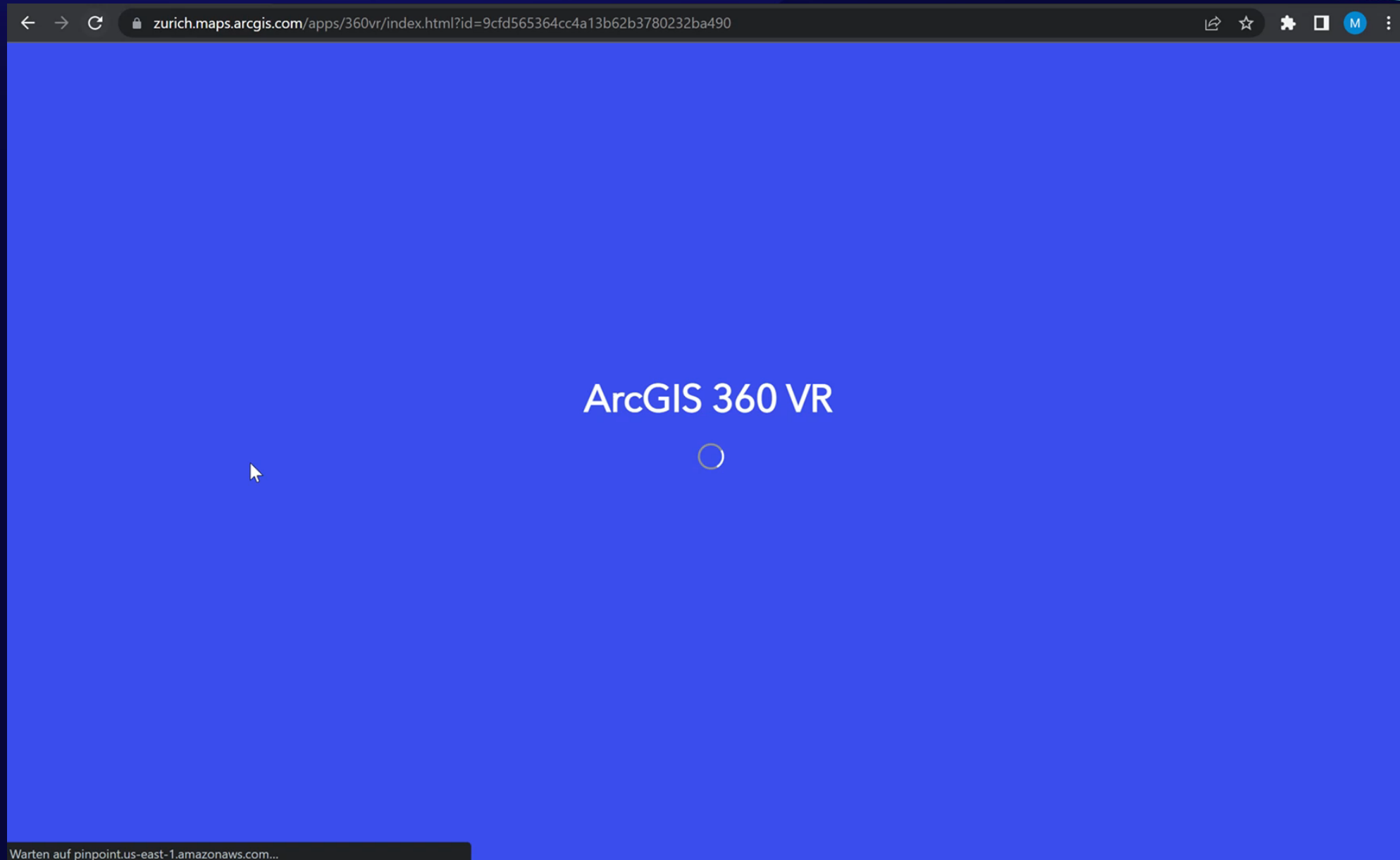
Western Pacific Typhoons (2005)_360VR has been successfully published.

Open in ArcGIS 360 VR

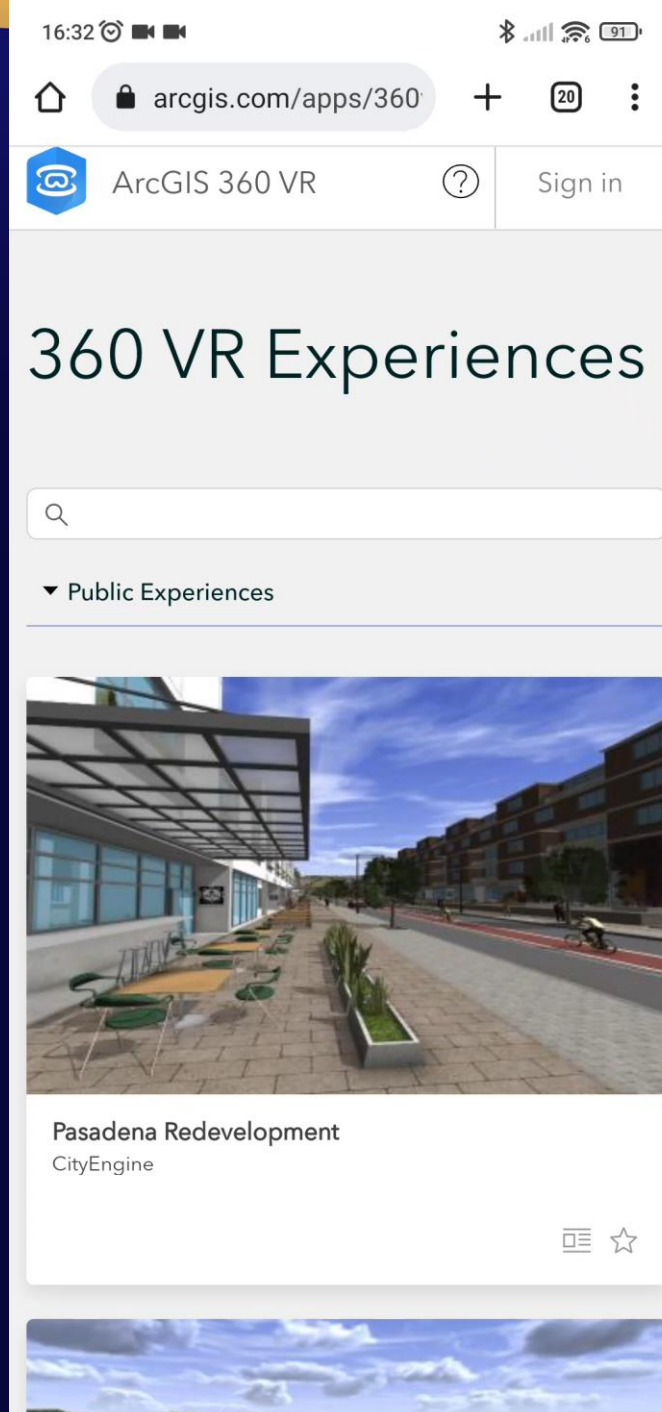
View in My Experiences

View Item on ArcGIS Online

Viewing 360 VR Experience in Desktop Browser



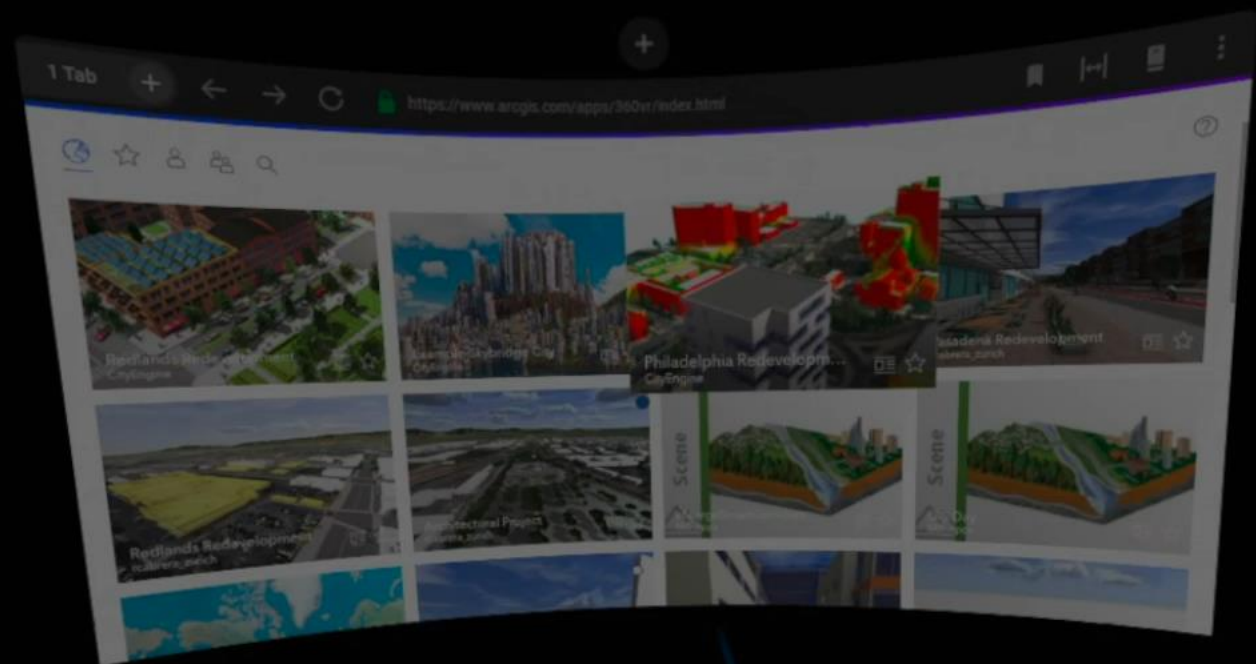
Viewing in Mobile Browser



Viewing in VR Browser

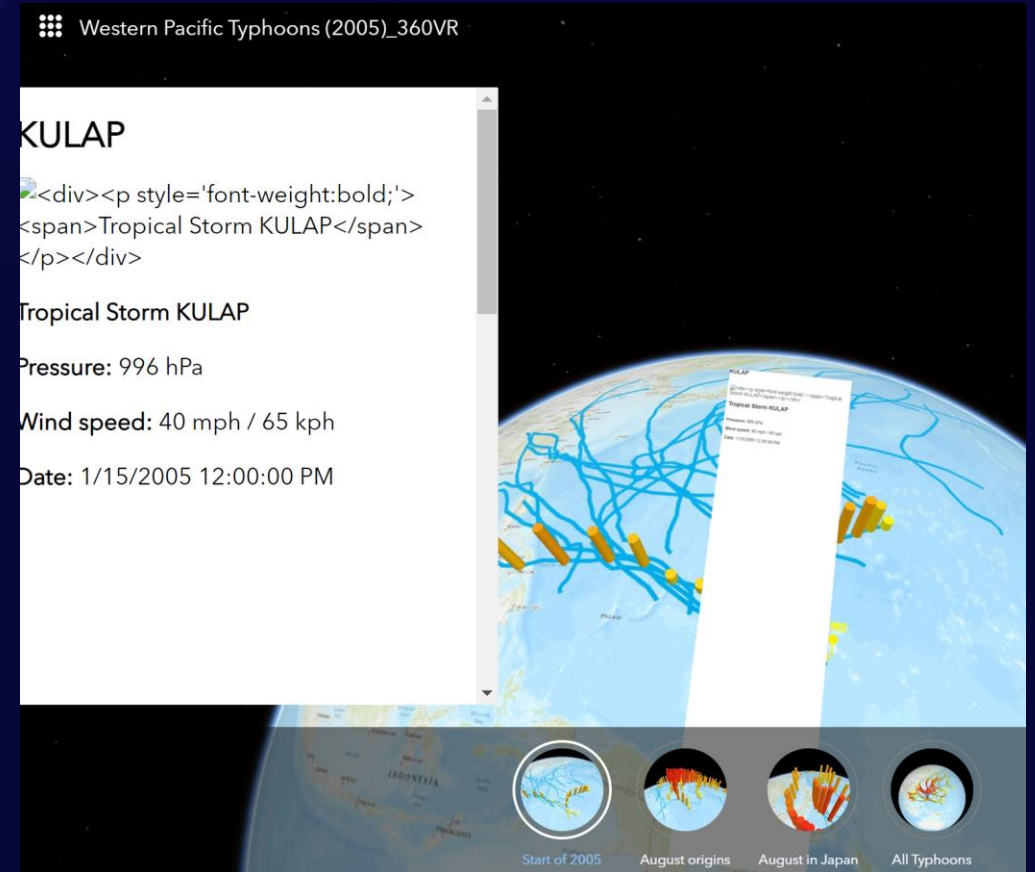
- Open 360vr.arcgis.com
- Select experience
- Click “Allow VR”





Summary

- VR for sense of scale
- Great for scenario comparisons
- Easy publishing using ArcGIS 360 VR
- 360vr.arcgis.com
- Publishes Web Scenes to ArcGIS 360 VR Experiences
- View on any VR device in web browser
- Upcoming: Popups from Feature Services





360vr.arcgis.com

Future

Current



X Pasadena Redevelopment